

I-5 Corridor Reinforcement Project

Final Environmental Impact Statement

Volume 3A: Comments and Responses (Communications 14093–14379)
DOE/EIS – 0436

Bonneville Power Administration

Cooperating Agencies:

**U.S. Army Corps of Engineers, Oregon Energy Facility Siting Council,
Washington Energy Facility Site Evaluation Council, Cowlitz and Clark Counties, Washington**

February 2016

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Table of Contents

Volume 1: Chapters 1-13

Abstract

Notes to Reader

Perforated Icon Sheet

Summary

Chapter 1 Purpose of and Need for Action

Chapter 2 Facility Siting, Route Segments, and Action Alternatives

Chapter 3 Project Components and Construction, Operation, and Maintenance Activities

Chapter 4 Proposed Action and Alternatives

Chapter 5 Land

Chapter 6 Recreation

Chapter 7 Visual Resources

Chapter 8 Electric and Magnetic Fields

Chapter 9 Noise

Chapter 10 Health and Safety

Chapter 11 Socioeconomics

Chapter 12 Transportation

Chapter 13 Cultural Resources

Volume 2: Chapters 14-33

Chapter 14 Geology and Soils

Chapter 15 Water

Chapter 16 Wetlands

Chapter 17 Vegetation

Chapter 18 Wildlife

Chapter 19 Fish

Chapter 20 Climate

Chapter 21 Air Quality

Chapter 22 Greenhouse Gases

Chapter 23 Intentional Destructive Acts

Chapter 24 Short-Term Uses versus Long-Term Productivity
Chapter 25 Irreversible or Irretrievable Commitment of Resources
Chapter 26 Cumulative Impacts
Chapter 27 Consultation, Review, and Permit Requirements
Chapter 28 Consistency with State Substantive Standards
Chapter 29 References
Chapter 30 List of Preparers
Chapter 31 Agencies, Organizations, and Persons Receiving this EIS
Chapter 32 Glossary and Acronyms
Chapter 33 Index

Volume 3A: Comments and Responses (Communications 14093 – 14379)

Volume 3B: Comments and Responses (Communications 14380 – 14600)

Volume 3C: Comments and Responses (Communications 14601 – 14701)

Volume 3D: Comments and Responses (Communications 14702 – 14746)

Volume 3E: Comments and Responses (Communications 14747 – 14798)

Volume 3F: Comments and Responses (Communications 14799 – 14827)

Volume 3G: Comments and Responses (Communications 14828 – 14843)

Volume 3H: Comments and Responses (Communications 14844 – 14919)

Appendices

Appendix A Washington Department of Natural Resources Lands Analysis
Appendix B Right-of-Way Tower Configuration Tables and Figures
Appendix B1 Right-of-Way Tower Configuration Tables and Figures – Central Alternative using Central Option 1 (Preferred Alternative)
Appendix C I-5 Corridor Reinforcement Project Photomap Book
Appendix C1 I-5 Corridor Reinforcement Project Photomap Book – Central Alternative using Central Option 1 (Preferred Alternative)
Appendix D Underground Route Study
Appendix D1 Underground Route Study – Castle Rock, Washougal, and Camas areas
Appendix E Visual Assessment
Appendix F Electrical Effects

Appendix F1	Electrical Effects – Central Alternative using Central Option 1 (Preferred Alternative)
Appendix G	Research on Extremely Low Frequency Electric and Magnetic Fields and Health
Appendix G1	EMF Research Updates
Appendix H	Environmental Justice Tables
Appendix I	Cultural Resource Sensitivity Scores
Appendix J	Geologic Assessment – Geologic Hazards, Soil and Slope Gradient, Geology, Shallow Bedrock, Shallow Groundwater
Appendix K	Fish Habitat and Fish Population Impacts
Appendix L	Wetland Modeling
Appendix M	Noxious Weed List
Appendix N	NEPA Disclosure Forms
Appendix O	Shoreline Management Act and Critical Area Ordinance Consistency

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Comments and Responses

Introduction

Overview

Volume 3 (Volume 3A through 3H) presents comments received on the Draft EIS and BPA's responses to them. Comments were accepted by email, mail, voicemail, fax and on the project's website. Comments also were submitted at six public drop-in sessions and six public meetings held throughout the project area during the Draft EIS comment period. Given the project's complexity and the size of the Draft EIS, BPA scheduled the initial comment period from November 13, 2012 to March 1, 2013 (108 days). After requests from the public to extend the comment period, BPA extended the comment period to March 25, 2015 (132 days).

Each comment form, email, letter or other type of correspondence (collectively referred to as communications) was given an identifying log number when it was received (e.g., 14100). Breaks in the number sequence are a result of communications logged during the comment period that were not comments on the Draft EIS. In some cases, duplicate communications (such as petitions and form letters) were later combined and assigned the same log number. Each communication is divided by subject or issue into individual comments. For example, 14444-2 is comment number 2 of communication 14444. BPA received 662 communications on the Draft EIS and 2,859 comments were identified in these communications.

All comments received on the Draft EIS and BPA's responses to these comments are provided in their entirety in Volume 3 (Volume 3A through 3H). Each page of comments is followed by a page of BPA responses to the comments. Due to the number of comments received, Volume 3 has been divided into eight parts for the purposes of printing and managing electronic file sizes (Volume 3A through 3H). The range of log numbers and page numbers found in each volume is included in Table 1 - Volume Contents for reference.

How to Review Comments and Responses

Communications are ordered consecutively by log number in the report. Please refer to Table 2 in the Introduction of Volume 3 for a list of all communications submitted by each commenter and the page number where the communication can be found in Volume 3A through 3H. If BPA's response to a comment refers back to an earlier response, use Table 1 to find the referenced log number. An online comment response search tool is also available at <http://www.bpa.gov/Projects/Projects/I-5/Pages/Search-Comments.aspx>.

Table 1 - Volume Contents

Log Numbers	Volume	Pages
14093 – 14379	3A	1 - 402
14380 – 14600	3B	403 - 808
14601 – 14701	3C	809 - 1222
14702 – 14746	3D	1223 - 1532
14747 – 14798	3E	1533 - 1862
14799 – 14827	3F	1863 - 2262
14828 – 14843	3G	2263 - 2602
14844 – 14919	3H	2603 - 3004

Table 2 - Commenters and Communications

Individuals

Last Name	First Name	Log Number	Volume / Page
AABY	CLIFFORD D	14163	3A / 70
AASETH	ALLEN	14533	3B / 672
AASETH	KATHLEEN	14533	3B / 672
AASETH	KATHLEEN	14858	3H / 2770
ABENDROTH	SAMUEL P	14515	3B / 642
ACKER	ANDREA	14714	3D / 1296
ACKER	ANDREA	14824	3F / 2174
ACKER	JOEL B	14694	3C / 1160
ACKER	JOEL B	14714	3D / 1296
ACKER	JOEL B	14824	3F / 2174
ACKLIN	CHARLES R	14841	3G / 2588
ACKLIN	CHERYL L	14841	3G / 2588
ADAMS	CHRISTINE	14282	3A / 194
ADAMS	ROBERT L	14282	3A / 194
AGREN	BRIAN	14492	3B / 588
AGREN	BRIAN	14704	3D / 1232
AGREN	BRIAN	14844	3H / 2604
AGREN	BRIAN	14919	3H / 2992
AGREN	REGINA	14505	3B / 616
AGREN	REGINA	14844	3H / 2604
AGREN	REGINA	14919	3H / 2992
AHO	WILHO	14415	3B / 476
AINSLIE	BARBARA	14318	3A / 294
AINSWORTH-TAYLOR	JULIE K	14683	3C / 1120
AINSWORTH-TAYLOR	JULIE K	14819	3F / 2068

Last Name	First Name	Log Number	Volume / Page
AINSWORTH-TAYLOR	JULIE K	14820	3F / 2096
AINSWORTH-TAYLOR	JULIE K	14821	3F / 2160
AINSWORTH-TAYLOR	JULIE K	14830	3G / 2308
AINSWORTH-TAYLOR	JULIE K	14832	3G / 2386
AINSWORTH-TAYLOR	JULIE K	14860	3H / 2836
ALDRICH	ROBERT GENE	14126	3A / 22
ALDRICH	TIM	14120	3A / 18
ALEKA	JERRY	14282	3A / 194
ALEXANDER	ROBERT J	14282	3A / 194
ALEXANDER	ROBERT J	14919	3H / 2992
ALLANIS	HEATHER	14282	3A / 194
ALLEN	MARK	14858	3H / 2770
ALLINGER	LUZ M	14282	3A / 194
AMRINE	FRED	14795	3E / 1834
AMRINE	JANET	14795	3E / 1834
ANDERSON	ARVID	14750	3E / 1544
ANDERSON	CANDICE D	14109	3A / 12
ANDERSON	JULIA	14858	3H / 2770
ANDERSON	LISA A	14640	3C / 914
ANDERSON	LISA A	14781	3E / 1652
ANDREICA TRUSTEE	SUSANA	14364	3A / 378
ARMSTRONG	BRENDA	14282	3A / 194
ARNOLD	DENISE A	14282	3A / 194
ARNOLD	JOSEPH J	14282	3A / 194
ARNOLD	JOSEPH J	14403	3B / 452
ARNOLD	NICHOLAS O	14785	3E / 1712
ARNST	CHUCK	14919	3H / 2992
ARNST	JOANNE FROMHELD	14282	3A / 194
ASBURY	REGINALD	14858	3H / 2770
ASPAAS	PATTI K	14107	3A / 10
ATKINS	THOMAS	14919	3H / 2992
AUBOL	MARLENE	14293	3A / 254
AUTREY	ANITA	14282	3A / 194
AVILA	SEAN	14282	3A / 194
AYERS	KAYCE	14282	3A / 194
B	GEOFF	14919	3H / 2992
B (ILLEGIBLE)	M (ILLEGIBLE)	14388	3B / 420
B (ILLEGIBLE)	M (ILLEGIBLE)	14838	3G / 2572
BACHAR	KATHRYN	14858	3H / 2770
BACKUS	BILL	14282	3A / 194
BAILEY	STEPHEN M	14848	3H / 2712
BAILEY TRUSTEE	DONNA	14848	3H / 2712

Last Name	First Name	Log Number	Volume / Page
BAIRD	JASON	14282	3A / 194
BAIRD	JASON	14388	3B / 420
BAIRD	JASON	14838	3G / 2572
BAIRD	JESSICA	14282	3A / 194
BAIRD	JESSICA	14424	3B / 492
BAKER	BOBBIE	14282	3A / 194
BAKER	CHARLES V	14858	3H / 2770
BAKER	CHERIE D	14282	3A / 194
BAKER	DEBORAH K	14858	3H / 2770
BAKER	GAYLE	14642	3C / 924
BAKER	JEANNETTE	14858	3H / 2770
BAKER	JUDITH K	14467	3B / 558
BAKER	JUDITH K	14469	3B / 564
BAKER	JUDITH K	14496	3B / 602
BALDWIN	JIM	14303	3A / 262
BALDWIN	TERRY	14282	3A / 194
BALINT	JAMI	14881	3H / 2952
BALL	GEORGE	14282	3A / 194
BALLARD	DAVID L	14215	3A / 116
BALLARD	DAVID L	14630	3C / 882
BALLARD	DAVID L	14714	3D / 1296
BALLARD	DAVID L	14784	3E / 1656
BALLARD	DAVID L	14824	3F / 2174
BANKS	CHARLES E	14282	3A / 194
BANNIER	SUSAN	14677	3C / 1094
BARACK	DANIELA	14282	3A / 194
BARKER	SUSAN	14642	3C / 924
BARNES	SHARON L	14282	3A / 194
BARNES	SUSAN	14257	3A / 176
BARNES	WILLIAM E	14282	3A / 194
BARON	JENNY L	14736	3D / 1444
BARTHOLIC	KENT	14296	3A / 260
BARTHOLOMAN	CAROL	14282	3A / 194
BAS	JOANN	14880	3H / 2950
BAS	JOANN	14882	3H / 2964
BAUNE	CRYSTAL	14858	3H / 2770
BAUNE	TOM	14858	3H / 2770
BEAM	MARLA S	14282	3A / 194
BEAMAN	BETTY	14282	3A / 194
BECKER	JOEL A	14282	3A / 194
BECKER	KC JEAN	14282	3A / 194
BEEBE	JESSICA	14858	3H / 2770

Last Name	First Name	Log Number	Volume / Page
BEEBE	KARI	14858	3H / 2770
BEEBE	RONNIE	14858	3H / 2770
BEHM	LINDA	14858	3H / 2770
BELLE-ISLE	PATRICK	14919	3H / 2992
BELTGER	JONAH	14282	3A / 194
BENJAMIN	CHRIS	14564	3B / 736
BENM	C ROGER	14858	3H / 2770
BENNETT	CHARLES W	14315	3A / 282
BENNETT	SANDRA S	14648	3C / 938
BENZ	DONALD	14617	3C / 844
BERRY	JEFFREY	14858	3H / 2770
BERRYMAN	ALEX	14282	3A / 194
BERTO	JOSEPH	14844	3H / 2604
BETNUN	FRED M	14858	3H / 2770
BICKFORD	SHANNON	14282	3A / 194
BINN	SHANNON	14282	3A / 194
BISHOP	JEFFERY	14282	3A / 194
BISHOP	NANCY	14282	3A / 194
BLACK	ILENE L	14525	3B / 652
BLAKE	MICHAEL E	14387	3B / 418
BLAKE	MICHAEL E	14565	3B / 738
BLAKE	MICHAEL E	14737	3D / 1446
BLANC	GARY	14833	3G / 2546
BLANCHETTE	HARRY A	14314	3A / 278
BLANTON	WENDY J	14282	3A / 194
BLOK	PETER	14282	3A / 194
BOEHM	KATHY	14480	3B / 576
BOEHM	KATHY	14858	3H / 2770
BOEHM	KIM	14388	3B / 420
BOEHM	KIM	14424	3B / 492
BOEHM	KIM	14480	3B / 576
BOEHM	KIM	14838	3G / 2572
BOEHM	KIM	14858	3H / 2770
BOEHM	MATT	14858	3H / 2770
BOER	LORI	14282	3A / 194
BOOMHOUWER	JACOB	14417	3B / 480
BOOMHOUWER	SUSAN	14417	3B / 480
BORSON	JOSH	14282	3A / 194
BOSCH	SHERRI	14282	3A / 194
BOSCH	STEVE M	14282	3A / 194
BOSSIO	BRUCE	14919	3H / 2992
BOSTER	MICHAEL	14858	3H / 2770

Last Name	First Name	Log Number	Volume / Page
BOURQUIN	PHIL	14323	3A / 302
BOURQUIN	PHIL	14342	3A / 346
BOURQUIN	PHIL	14677	3C / 1094
BOWEN	FLOANNE	14514	3B / 640
BOWMAN	JACK D	14481	3B / 578
BOYNS	BRIAN G	14282	3A / 194
BOZARTH	ADAM	14282	3A / 194
BRADY	EUGENE G	14282	3A / 194
BRADY	EUGENE G	14858	3H / 2770
BRADY	LESLIE	14282	3A / 194
BRADY LOUNSBERY	LESLIE	14858	3H / 2770
BRANDON	TERRY T	14408	3B / 462
BRANTLEY	CHERYL KAY	14093	3A / 2
BRANTLEY	CHERYL KAY	14133	3A / 28
BRANTLEY	CHERYL KAY	14141	3A / 38
BRANTLEY	CHERYL KAY	14142	3A / 38
BRANTLEY	CHERYL KAY	14164	3A / 70
BRANTLEY	CHERYL KAY	14165	3A / 72
BRANTLEY	CHERYL KAY	14166	3A / 72
BRANTLEY	CHERYL KAY	14282	3A / 194
BRANTLEY	CHERYL KAY	14319	3A / 296
BRANTLEY	CHERYL KAY	14327	3A / 316
BRANTLEY	CHERYL KAY	14338	3A / 340
BRANTLEY	CHERYL KAY	14352	3A / 356
BRANTLEY	CHERYL KAY	14427	3B / 494
BRANTLEY	CHERYL KAY	14428	3B / 494
BRANTLEY	CHERYL KAY	14440	3B / 512
BRANTLEY	CHERYL KAY	14455	3B / 530
BRANTLEY	CHERYL KAY	14459	3B / 544
BRANTLEY	CHERYL KAY	14460	3B / 546
BRANTLEY	CHERYL KAY	14511	3B / 636
BRANTLEY	CHERYL KAY	14522	3B / 648
BRANTLEY	CHERYL KAY	14587	3B / 786
BRANTLEY	CHERYL KAY	14627	3C / 870
BRANTLEY	CHERYL KAY	14628	3C / 876
BRANTLEY	CHERYL KAY	14629	3C / 880
BRANTLEY	CHERYL KAY	14639	3C / 912
BRANTLEY	CHERYL KAY	14664	3C / 978
BRANTLEY	CHERYL KAY	14673	3C / 1086
BRANTLEY	CHERYL KAY	14678	3C / 1114
BRANTLEY	CHERYL KAY	14718	3D / 1338
BRANTLEY	CHERYL KAY	14719	3D / 1340

Last Name	First Name	Log Number	Volume / Page
BRANTLEY	CHERYL KAY	14721	3D / 1352
BRANTLEY	CHERYL KAY	14723	3D / 1356
BRANTLEY	CHERYL KAY	14725	3D / 1422
BRANTLEY	CHERYL KAY	14734	3D / 1440
BRANTLEY	CHERYL KAY	14735	3D / 1442
BRANTLEY	CHERYL KAY	14740	3D / 1466
BRANTLEY	CHERYL KAY	14741	3D / 1468
BRANTLEY	CHERYL KAY	14746	3D / 1504
BRANTLEY	CHERYL KAY	14775	3E / 1626
BRANTLEY	CHERYL KAY	14846	3H / 2706
BRANTLEY	CHERYL KAY	14856	3H / 2766
BRANTLEY	CHERYL KAY	14857	3H / 2768
BRANTLEY	CHERYL KAY	14876	3H / 2936
BRANTLEY	CHERYL KAY	14889	3H / 2980
BRANTLEY	RICHARD	14282	3A / 194
BRANTLEY	RICHARD	14846	3H / 2706
BRANTLEY	ROBERT L	14846	3H / 2706
BRAZEAU	CRYSTAL	14282	3A / 194
BRAZEAU	PAUL	14282	3A / 194
BRICKLIN	DAVID A	14683	3C / 1120
BRICKLIN	DAVID A	14819	3F / 2068
BRICKLIN	DAVID A	14820	3F / 2096
BRICKLIN	DAVID A	14821	3F / 2160
BRICKLIN	DAVID A	14830	3G / 2308
BRICKLIN	DAVID A	14832	3G / 2386
BRICKLIN	DAVID A	14860	3H / 2836
BRISLAWN	MARK PATRICK	14761	3E / 1582
BRISTER	CLOYD H ETUX	14419	3B / 484
BRISTER	LLOYD	14419	3B / 484
BRISTER	PAT	14419	3B / 484
BRISTER	PATRICIA M	14419	3B / 484
BRISTOW	STEVE M	14609	3C / 830
BRITTAIN	THOMAS L	14390	3B / 426
BROCK	KELLY	14282	3A / 194
BROGAN	JOSEPH A	14677	3C / 1094
BROMBACH	ALAN J	14294	3A / 256
BROWN	JACOB	14282	3A / 194
BROWN	LESLIE D	14484	3B / 580
BRUNZ	TONINA	14396	3B / 438
BUCK	REVA	14919	3H / 2992
BULLESET	ANN	14436	3B / 504
BURNHAM	PEGGY L	14880	3H / 2950

Last Name	First Name	Log Number	Volume / Page
BURNHAM	PEGGY L	14882	3H / 2964
BURNS	HELEN	14282	3A / 194
BURNS	HELEN	14846	3H / 2706
BURNS	HELEN	14847	3H / 2710
BURNS	HELEN	14858	3H / 2770
BURNS	KENT	14241	3A / 148
BURNS	KENT	14242	3A / 150
BURNS	KENT	14265	3A / 184
BURNS	KENT	14282	3A / 194
BURNS	KENT	14388	3B / 420
BURNS	KENT	14838	3G / 2572
BURNS	KENT	14846	3H / 2706
BURNS	KENT	14847	3H / 2710
BURNS	KENT	14858	3H / 2770
BURNS	MICHAEL	14679	3C / 1114
BUSCHKE	CAROL JEAN	14108	3A / 12
BYERS	R	14282	3A / 194
BYKER	BARBARA K	14826	3F / 2214
CADD	ERIC	14282	3A / 194
CAHILL	PEGGY S	14832	3G / 2386
CALCOTE	JUDY	14611	3C / 832
CALDWELL	DENNIS	14282	3A / 194
CALSTOY	LANCE E	14309	3A / 270
CALSTOY	LANCE E	14858	3H / 2770
CAMPBELL	ALLISON	14282	3A / 194
CAMPBELL	ASHLEY	14282	3A / 194
CAMPBELL	DAN L	14566	3B / 754
CAMPBELL	MAGGIE	14858	3H / 2770
CAMPBELL	TAYLOR	14282	3A / 194
CARLSON	CHERYL R	14388	3B / 420
CARLSON	CHERYL R	14787	3E / 1714
CARLSON	CHERYL R	14838	3G / 2572
CARLSON	ROBERT	14222	3A / 134
CARLSON	MICHAEL BRUCE	14534	3B / 684
CARMAN-MURRAY	TERI	14858	3H / 2770
CARPENTER	AMBER	14842	3G / 2592
CARPENTER	BRENT	14842	3G / 2592
CARPENTER	JASON	14282	3A / 194
CARPENTER	JASON	14359	3A / 370
CARROLL	KATHLEEN	14844	3H / 2604
CARSON	DAVID A	14413	3B / 472
CARSON	RICHARD	14100	3A / 6

Last Name	First Name	Log Number	Volume / Page
CASTLE	DANAE	14858	3H / 2770
CASTLE	DANIEL	14858	3H / 2770
CATANIA	GINO	14282	3A / 194
CERVANTES JR	CARLOS E	14094	3A / 2
CHAPMAN	DARYN	14508	3B / 618
CHAPMAN	DARYN	14894	3H / 2988
CHENNAULT	NANCY	14798	3E / 1858
CHERRINGTON	DAVID	14463	3B / 548
CHERRINGTON	DAVID	14583	3B / 782
CHERRINGTON	DAVID	14871	3H / 2922
CHERRINGTON	ROSEANNA M	14919	3H / 2992
CHERRINGTON	TESSIE M	14808	3F / 1984
CHERRINGTON	TESSIE M	14919	3H / 2992
CHILD	ERIC R	14400	3B / 446
CLARK	ERIC	14858	3H / 2770
CLARK	JEANNETTA	14842	3G / 2592
CLARK	KATHY	14316	3A / 284
CLARK	KATHY	14331	3A / 328
CLARK	KENNETH	14842	3G / 2592
CLARK	LARRY	14858	3H / 2770
CLARK	MEGAN T	14782	3E / 1654
CLARK	NANCY	14858	3H / 2770
COFFMAN	DARYN	14282	3A / 194
COLBERT	PHILIP T	14579	3B / 776
COLBERT	PHILIP T	14641	3C / 922
COLBERT	RONALD J	14409	3B / 464
COLBERT	SANDRA N	14409	3B / 464
COLBY	CHRISTINE	14858	3H / 2770
COLCORD	TRISTAN	14282	3A / 194
COLCORD	TRISTAN	14842	3G / 2592
COLCORD	TRISTAN	14846	3H / 2706
COLCORD	TRISTAN	14847	3H / 2710
COLE	JOHN W	14282	3A / 194
COLES	JAMES	14919	3H / 2992
COLF	RICHARD W	14858	3H / 2770
COLF	ROBERT L	14858	3H / 2770
COLF HEPOLA	MARGARET L	14858	3H / 2770
COLLINS ETAL	JOSEPH	14282	3A / 194
COLLINS ETAL	JOSEPH	14846	3H / 2706
COLLINS ETAL	JOSEPH	14847	3H / 2710
COLWILL	DERIK	14282	3A / 194
COLWILL	JESSICA	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
COMPTON	KATHERINE	14919	3H / 2992
CONDER	THELMA	14282	3A / 194
CONDER	TREVOR	14282	3A / 194
CONDON	JOHN D	14282	3A / 194
CONGER	KURT	14172	3A / 96
CONNOR	RYAN	14282	3A / 194
CONSTANCE	TERRY L	14504	3B / 614
CONSTANCE	TERRY L	14652	3C / 948
CONSTANCE	TERRY L	14790	3E / 1716
CONSTANCE	TERRY L	14799	3F / 1864
COOK	DIANE L	14476	3B / 574
COOK	HOWARD L	14230	3A / 134
COOK	HOWARD L	14356	3A / 364
COOK	HOWARD L	14846	3H / 2706
COOK	HOWARD L	14847	3H / 2710
COOK	JASON	14282	3A / 194
COOK	MICHAEL	14608	3C / 830
COOK	SHAWNA	14282	3A / 194
COOPER	LONA	14858	3H / 2770
COOPER	RICHARD	14282	3A / 194
COURNEEN	JACQUELINE D	14236	3A / 138
COVERT	WILLIAM O	14282	3A / 194
COX	YVONNE J	14478	3B / 576
CRABER	JAHARA	14282	3A / 194
CRANE	KEVIN	14282	3A / 194
CRAWFORD	MARILYN	14282	3A / 194
CULBERTSON	MIKE	14282	3A / 194
CULBERTSON	MIKE	14858	3H / 2770
CUMMINS	CHRISTA	14282	3A / 194
CUNNINGHAM	GREG	14919	3H / 2992
CURPHEY TRUSTEE	BETTY	14401	3B / 448
CURTIN	AMANDA	14282	3A / 194
CURTIS	DONALD R	14879	3H / 2940
CURTIS	JARED	14282	3A / 194
DAHLQUIST TRUSTEE	CRESSIE E	14281	3A / 192
DALKE	BRENDA	14282	3A / 194
DALKE	DERRICK	14282	3A / 194
DALLUHN	MELISSA J	14765	3E / 1586
DARST	SCOTT R	14727	3D / 1426
DAVIES	ROGER	14282	3A / 194
DAVIS	BILL	14642	3C / 924
DAVIS	JANICE	14723	3D / 1356

Last Name	First Name	Log Number	Volume / Page
DAVIS	JANICE	14725	3D / 1422
DAVIS	JANICE	14846	3H / 2706
DAVIS	JANICE	14856	3H / 2766
DAVIS	JILL	14360	3A / 372
DAVIS	JIM	14360	3A / 372
DAVIS	RICHARD A	14244	3A / 154
DAVIS	RICHARD A	14388	3B / 420
DAVIS	RICHARD A	14424	3B / 492
DAVIS	RICHARD A	14524	3B / 652
DAVIS	RICHARD A	14838	3G / 2572
DAVIS	RICHARD A	14846	3H / 2706
DAVIS	RICHARD A	14847	3H / 2710
DAVIS	RICHARD A	14858	3H / 2770
DAVIS	RICHARD A	14919	3H / 2992
DAVIS	TINA	14858	3H / 2770
DAVIS	AMY N	14299	3A / 260
DE JONG	MICHAEL	14437	3B / 506
DE JONG	NACOLE	14437	3B / 506
DEITOH	MARC	14858	3H / 2770
DENNIS	MURPHY	14282	3A / 194
DEROSA	EUGENE	14858	3H / 2770
DEROSA	JUDY	14858	3H / 2770
DEROSIER	DARLENE	14891	3H / 2986
DEROSIER	RICHARD A	14891	3H / 2986
DESBRISSAY	TERESA	14282	3A / 194
DESCLOUX	CLIFF	14404	3B / 454
DESCLOUX	JEAN ROSS	14282	3A / 194
DESPAIN	TIMOTHY R	14513	3B / 638
DESYLVIA	KRIS J	14777	3E / 1634
DESYLVIA	KRIS J	14812	3F / 2006
DICKSON	CHARLES	14282	3A / 194
DIEDERICH	MATT	14595	3B / 800
DIETZMAN	DAVID F	14665	3C / 980
DIJULIO	P STEPHEN	14677	3C / 1094
DILL	DONNA	14841	3G / 2588
DILL	GEORGE T	14841	3G / 2588
DILTZ	ALYSSA M	14762	3E / 1584
DOBSON	AUBREY	14842	3G / 2592
DOBSON	CRYSTAL	14842	3G / 2592
DODD	SHAWN TRAVIS	14106	3A / 10
DOHERTY	JEANETTE	14282	3A / 194
DOHERTY	JEANETTE	14919	3H / 2992

Last Name	First Name	Log Number	Volume / Page
DOHERTY	MICA	14282	3A / 194
DOHERTY	MICA	14919	3H / 2992
DOHERTY	MOONROSE	14282	3A / 194
DOMBLEWSKI	CHARLIE	14282	3A / 194
DOMBLEWSKI	CHARLIE	14842	3G / 2592
DOMBLEWSKI	CHARLIE	14846	3H / 2706
DOMBLEWSKI	CHARLIE	14847	3H / 2710
DONAHUE	JOSEPH	14388	3B / 420
DONAHUE	JOSEPH	14838	3G / 2572
DONAHUE	JOSEPH	14858	3H / 2770
DONNELLY	MARK B	14394	3B / 434
DOOLEY	SHERRY	14282	3A / 194
DUNHAM	JOHN	14282	3A / 194
DUNKIN	RONALD	14841	3G / 2588
DUNKIN	TAMARA	14841	3G / 2588
DUNLAP	ANNA	14844	3H / 2604
DUNN	MARY	14282	3A / 194
DUNN	MARY	14842	3G / 2592
DUNN	MARY	14846	3H / 2706
DUNN	MARY	14847	3H / 2710
DUNN	MIKE	14355	3A / 362
DYER	MICHAEL R	14858	3H / 2770
DYRLAND	RICHARD	14775	3E / 1626
DYRLAND	RICHARD	14832	3G / 2386
EASTER	DICK	14243	3A / 152
EASTER	DICK	14247	3A / 164
EASTER	RICHARD	14858	3H / 2770
EASTER	RICHARD D	14852	3H / 2728
EASTER	ROBERTA M	14858	3H / 2770
ECKERT	GARY W	14103	3A / 8
EDDY	EDWARD H	14407	3B / 460
EDLICH	RICHARD	14376	3A / 394
EDLICH	RICHARD	14488	3B / 582
EDLICH	RICHARD	14488	3B / 582
EDWARDS	KENNETH L	14345	3A / 348
EDWARDS	KENNETH L	14593	3B / 796
EDWARDS	KENNETH L	14858	3H / 2770
EDWARDS	LENA	14282	3A / 194
EDWARDS	MICHAEL	14858	3H / 2770
EGAR	ADI	14282	3A / 194
EIDE	DONNA	14282	3A / 194
EIGNER	BARBARA	14284	3A / 250

Last Name	First Name	Log Number	Volume / Page
EISEMAN	JOHN H	14858	3H / 2770
ELFORD	MONTIE R	14841	3G / 2588
ELFORD	SONJA	14841	3G / 2588
ELLIOT	CHARLES	14282	3A / 194
ELLS	GERALD A	14527	3B / 656
ELTON	SHAWNLYN	14282	3A / 194
ELY	BARBARA	14919	3H / 2992
ENDRES	RON G	14282	3A / 194
ENDRES	RON N	14282	3A / 194
EPPERSON	JANE	14844	3H / 2604
ERDLERBROCK	HAROLD	14642	3C / 924
ERTEL	BRUCE	14282	3A / 194
ESCUE	MICHAEL	14282	3A / 194
EVERHART	JENNIFER	14282	3A / 194
FALK	ROBERT	14282	3A / 194
FARBER	JAMES E	14282	3A / 194
FARBER	JAMES E	14858	3H / 2770
FARBER	TERRI	14282	3A / 194
FAULKNER	DOUG	14503	3B / 612
FERNANDEZ	LAURA	14656	3C / 964
FERNANDEZ	LAURA	14659	3C / 968
FERNANDEZ	LAURA	14666	3C / 1074
FERNANDEZ	LAURA	14686	3C / 1140
FERNEDING	SANDRA	14282	3A / 194
FERNEDING	SANDRA	14846	3H / 2706
FERNEDING	SANDRA	14847	3H / 2710
FERREIR (ILLEGIBLE)	LOUISE	14282	3A / 194
FERRELL	TAMMIE R	14516	3B / 642
FIDEL	DENISE	14575	3B / 772
FINKAS	LORI ANN	14676	3C / 1092
FINKAS	STEVEN S	14700	3C / 1170
FISHER	JIM	14129	3A / 24
FISHER	MICHAEL J	14763	3E / 1584
FITZGERALD	BARBARA	14282	3A / 194
FIX	MICHAEL A	14381	3B / 406
FLEEMAN	DEBBIE	14843	3G / 2600
FLEISCHAUER	KRISTIN	14537	3B / 688
FLEISCHAUER	MARK A	14537	3B / 688
FLEMING	LORI	14844	3H / 2604
FLEMING	SHERRY J	14655	3C / 960
FLEMING JR	JOHN W	14282	3A / 194
FLEMING JR	JOHN W	14509	3B / 626

Last Name	First Name	Log Number	Volume / Page
FLEMING JR	JOHN W	14655	3C / 960
FLEMING JR	JOHN W	14838	3G / 2572
FLEMING JR	JOHN W	14858	3H / 2770
FLOYD	JORDAN	14282	3A / 194
FOLDEN	MARLON R	14841	3G / 2588
FOLSOM	CRYSTAL	14919	3H / 2992
FORSYTH	KEITH	14674	3C / 1088
FRAMPTON	JASON D	14405	3B / 456
FRAMPTON	SHARON V	14405	3B / 456
FRANCE	TRESA	14282	3A / 194
FRANKEL	EDWARD I	14558	3B / 728
FRASIER	LAURENCE	14282	3A / 194
FREDRICK	ERNIE	14858	3H / 2770
FREEDING JR	RICHARD A	14745	3D / 1502
FRENZEN	PETER	14575	3B / 772
FRINK	VA	14282	3A / 194
FRITZ	BRIAN	14701	3C / 1172
FRITZ	JOHN	14282	3A / 194
FRYMIRE	GENE	14491	3B / 586
FRYMIRE	GENE	14919	3H / 2992
FRYMIRE	JOAN E	14570	3B / 762
FUGER	DANIEL K	14282	3A / 194
FULLER	CHARLES C	14282	3A / 194
GALLE	DAVID	14136	3A / 32
GALLE	DAVID	14183	3A / 112
GALLE	DAVID	14749	3E / 1538
GARDNER	KELLY J M	14705	3D / 1242
GARDNER	KELLY J M	14873	3H / 2926
GARDNER	PETER A N	14705	3D / 1242
GARDNER	PETER A N	14873	3H / 2926
GARDNER	VALERIE	14110	3A / 12
GARDNER	VALERIE	14846	3H / 2706
GARDNER	VALERIE	14856	3H / 2766
GARVER	CARLA	14841	3G / 2588
GASPAR	KATHERINE	14380	3B / 404
GAYLORD	LEAH	14858	3H / 2770
GEIST	ROSE	14307	3A / 268
GEORGE	EILEEN P	14663	3C / 976
GEORGE II	JACK E	14663	3C / 976
GERGES	DAN	14858	3H / 2770
GERGES	HERMI	14282	3A / 194
GERGES	RICHARD DANIEL	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
GERSTKEMPER	BARBARA	14290	3A / 252
GERSTKEMPER	JOHN	14290	3A / 252
GETMAN	GARY	14858	3H / 2770
GIACCHINO	ERIC D	14728	3D / 1428
GIBSON	ASHLEY	14282	3A / 194
GIBSON	CANDY	14406	3B / 458
GIERLOFF	RICHARD J	14770	3E / 1592
GIESE	AARON	14842	3G / 2592
GIESE	ALICE M	14282	3A / 194
GIESE	ALICE M	14509	3B / 626
GIESE	ALICE M	14842	3G / 2592
GIESE	ALICE M	14846	3H / 2706
GIESE	ALICE M	14847	3H / 2710
GIESE	APRIL	14842	3G / 2592
GIESE	CHRISTOPHER	14509	3B / 626
GIESE	CHRISTOPHER	14842	3G / 2592
GIESE	JESSE	14842	3G / 2592
GIESE	NOELLE	14842	3G / 2592
GILMAN	DARLA	14823	3F / 2172
GIST	HARLEY	14858	3H / 2770
GLASS	GRAHAM D	14487	3B / 580
GLASS	GRAHAM D	14487	3B / 580
GLASS	JUDY D	14697	3C / 1164
GOAL	ETTA L	14282	3A / 194
GODBOUT	KEVIN	14806	3F / 1952
GODWIN	CHRIS	14282	3A / 194
GOLOECHEN (ILLEGIBLE)	JOSH	14282	3A / 194
GOMALKIEWICS	PAUL D	14282	3A / 194
GOMULKIEWICZ	SHERI	14282	3A / 194
GONSER	GARY L	14632	3C / 888
GONSER	GARY L	14811	3F / 2002
GONSER	MARCIE	14632	3C / 888
GONSER	MARCIE	14811	3F / 2002
GOSHEY	DONNA	14282	3A / 194
GOURDE	MICHAEL L	14817	3F / 2060
GRAHAM	ANTHONY	14919	3H / 2992
GRAHAM	PAMELA	14919	3H / 2992
GRANGE	JEFF	14282	3A / 194
GRAY	WINDY	14919	3H / 2992
GRAYBILL	JJ	14167	3A / 74
GRAYBILL	JJ	14174	3A / 100
GREEN	BRUCE G	14550	3B / 712

Last Name	First Name	Log Number	Volume / Page
GREENBERG	KATHY L	14551	3B / 714
GRENIER	MARIE FRANCE	14282	3A / 194
GRENIER	MARIE FRANCE	14842	3G / 2592
GRENIER	MARIE FRANCE	14846	3H / 2706
GRENIER	MARIE FRANCE	14847	3H / 2710
GRIFFITH	CONSTANCE	14841	3G / 2588
GRIFFITH	JERRY R	14841	3G / 2588
GRIGGS	ROGER	14282	3A / 194
GRIGGS	ROGER	14846	3H / 2706
GRIGGS	ROGER	14847	3H / 2710
GRIME	KEILY	14282	3A / 194
GRINSTEAD	KRISTA	14479	3B / 576
GROEN	RUSSELL	14858	3H / 2770
GRONER	DARRYL	14282	3A / 194
GRONER	DARRYL	14388	3B / 420
GRONER	DARRYL	14838	3G / 2572
GRONER	DARRYL	14858	3H / 2770
GRONER	KATHLEEN ARIN	14282	3A / 194
GRONER	KATHLEEN ARIN	14388	3B / 420
GRONER	KATHLEEN ARIN	14838	3G / 2572
GROVER	BARBARA E	14553	3B / 718
GROVER	ERIN	14282	3A / 194
GROVER	ERIN	14589	3B / 790
GROVER	ERIN	14657	3C / 966
GROVER	ERIN	14672	3C / 1086
GRUHER	MONICA S	14321	3A / 298
GUARD	HONORABLE SEAN	14325	3A / 306
GUARD	HONORABLE SEAN	14710	3D / 1268
GUERCI	COURTLEIGH	14786	3E / 1712
GUITTEAU	WILLIAM JOHN	14287	3A / 250
GUNDLACH	ERIC	14282	3A / 194
GUNTHER	WILLIAM	14150	3A / 60
GUST	SARA	14282	3A / 194
GUSTAFSON	NORMAN	14392	3B / 430
HADLEY	KENNETH G	14759	3E / 1580
HALL	ANDREW P	14779	3E / 1650
HALL	DEBBIE	14282	3A / 194
HALL	JAMIE	14282	3A / 194
HALL	JILL	14844	3H / 2604
HALL	KIM	14282	3A / 194
HALVERSON	LLOYD	14313	3A / 274
HALVERSON	LLOYD	14337	3A / 340

Last Name	First Name	Log Number	Volume / Page
HAMBLETON	STEVEN E	14158	3A / 64
HAMBLETON	STEVEN E	14161	3A / 68
HAMILTON	ELIZABETH L	14130	3A / 26
HAMILTON	ELIZABETH L	14457	3B / 540
HAMILTON	ELIZABETH L	14465	3B / 554
HAMILTON	ELIZABETH L	14466	3B / 556
HAMILTON	JENNA	14282	3A / 194
HAMMER	CARLA	14282	3A / 194
HAMMER	CARLA	14842	3G / 2592
HAMMER	CARLA	14846	3H / 2706
HAMMER	CARLA	14847	3H / 2710
HAMMER	CARLA	14858	3H / 2770
HAMMERQUIST	MICHAEL C	14438	3B / 508
HAMMERQUIST	MICHAEL C	14438	3B / 508
HAMMERQUIST	MICHAEL C	14438	3B / 508
HAMMERQUIST	THERESA	14438	3B / 508
HAMMERQUIST	THERESA	14438	3B / 508
HAMMERQUIST	THERESA	14438	3B / 508
HANLEY	HILDEGARD	14573	3B / 768
HANLEY	WILLIAM	14573	3B / 768
HANLEY	WILLIAM	14693	3C / 1160
HANSEN	SHERRY	14858	3H / 2770
HARLACHER	AUSTIN	14282	3A / 194
HARMON	KELLY M	14919	3H / 2992
HARO	JAMES A	14559	3B / 730
HARO	MARIAN E	14559	3B / 730
HARPOLE	BILL C	14574	3B / 770
HARPOLE	PHILIPPINA	14574	3B / 770
HARRINGTON	DONALD W	14842	3G / 2592
HARRINGTON	JACOB	14842	3G / 2592
HARRINGTON	JENNIFER	14842	3G / 2592
HARRINGTON	REBECCA A	14842	3G / 2592
HARRINGTON	WAYNE	14842	3G / 2592
HARRIS	EUGENE	14382	3B / 408
HARRIS	JAMES	14520	3B / 646
HARRIS	KELLY	14421	3B / 486
HARRIS	KELLY	14498	3B / 606
HARRIS	MARY J	14519	3B / 646
HARRIS	MARY J	14681	3C / 1116
HARRIS	VALERIE	14421	3B / 486
HARRIS	VALERIE	14498	3B / 606
HARRISON	CAROL A	14475	3B / 572

Last Name	First Name	Log Number	Volume / Page
HARRISON	RACHEL K	14764	3E / 1586
HART	MATT	14858	3H / 2770
HASLINGER	BARBARA	14777	3E / 1634
HAYWARD	ALFRED S	14177	3A / 102
HAYWARD	ALFRED S	14317	3A / 288
HAYWARD	ALFRED S	14329	3A / 326
HAZEN	RODNEY DALE	14500	3B / 608
HEATH	DEREK	14282	3A / 194
HECKERT	MARK W	14590	3B / 792
HECKERT	MARK W	14591	3B / 794
HECKERT	MARK W	14883	3H / 2968
HEFFNER	JUDITH A	14282	3A / 194
HEINSLY	RYAN	14117	3A / 16
HELEM	STEPHANIE L	14292	3A / 254
HELENBERG	HONORABLE PAUL	14497	3B / 604
HELLER	CINDY	14282	3A / 194
HELTEMES	LISA K	14624	3C / 860
HELTEMES	ROGER W	14624	3C / 860
HENDERSON	RON	14842	3G / 2592
HENDRICKSON	JANINE	14388	3B / 420
HENDRICKSON	JANINE	14838	3G / 2572
HENDRICKSON	JANINE	14858	3H / 2770
HENDRICKSON	PATRICIA L	14405	3B / 456
HENDRIX	MARGARET A	14592	3B / 794
HENIFIN	NATHAN	14841	3G / 2588
HENNING	JOHN	14858	3H / 2770
HERRERA BEUTLER	JAIME	14111	3A / 14
HERRERA BEUTLER	JAIME	14511	3B / 636
HERRERA BEUTLER	JAIME	14717	3D / 1334
HERRINGTON	GREGG L	14562	3B / 734
HERRINGTON	LINDA M	14554	3B / 720
HICKS	NOREEN	14263	3A / 178
HICKS	PHILLIP	14264	3A / 180
HIGGINS	HONORABLE SCOTT	14326	3A / 312
HIGGINS	HONORABLE SCOTT	14333	3A / 332
HIGGINS	SANDI	14282	3A / 194
HIGGINS	SANDI	14846	3H / 2706
HILLER	KAREN J	14096	3A / 4
HILLGER	DELL	14368	3A / 388
HILLIS	JUDITH	14280	3A / 192
HILTON	MIRIAM G	14499	3B / 606
HOBBS	CALVIN D	14378	3A / 398

Last Name	First Name	Log Number	Volume / Page
HOBSON	ROGER	14577	3B / 774
HOCKEN	NATALIE	14701	3C / 1172
HOESLY	THOMAS J	14363	3A / 376
HOFFMAN	WAYNE	14858	3H / 2770
HOGAN	STEVE	14326	3A / 312
HOGAN	STEVE	14334	3A / 334
HOINOWSKI	DANIEL	14282	3A / 194
HOINOWSKI	DENA R	14282	3A / 194
HOLDER	MICHELE C	14282	3A / 194
HOLDER	MICHELE C	14770	3E / 1592
HOLMSTROM	ELIZABETH A	14282	3A / 194
HOLT	SHARON M	14919	3H / 2992
HOLTEN	BRAD C	14555	3B / 722
HOLTEN	JORENE	14555	3B / 722
HOLTHOFER	DONALD	14844	3H / 2604
HOLTHOFER	PAMELA	14844	3H / 2604
HOLTZ	KIMBERLY	14282	3A / 194
HOMOLA	JAMIE M	14282	3A / 194
HOODENPYL	FELICIA	14358	3A / 368
HOOVER	COURTNEY L	14282	3A / 194
HORD	DAMIAN	14282	3A / 194
HORSLEY	TOM	14397	3B / 440
HOSTETTER	TED W	14145	3A / 44
HOUCK	LEWIS	14282	3A / 194
HOUCK	LEWIS	14769	3E / 1590
HOUCK	LINDA M	14769	3E / 1590
HOUCK	MARIE	14282	3A / 194
HOUCK	TODD L	14282	3A / 194
HOWARTH	JAMES A	14647	3C / 936
HOWARTH	JAMES A	14647	3C / 936
HUBBARD	MICHAEL W	14237	3A / 140
HUCK (ILLEGIBLE)	SANL (ILLEGIBLE)	14282	3A / 194
HUDDLESTON	DANIEL	14858	3H / 2770
HUDSON	GLENN M	14552	3B / 716
HUEHL	BONNIE	14858	3H / 2770
HUEHL	CORT	14365	3A / 382
HUEHL	CORT	14388	3B / 420
HUEHL	CORT	14424	3B / 492
HUEHL	CORT	14838	3G / 2572
HUEHL	CORT	14858	3H / 2770
HUFFMAN	DENNIS	14814	3F / 2030
HUFFMAN	JESSLYN	14858	3H / 2770

Last Name	First Name	Log Number	Volume / Page
HUFFMAN	MICHELE	14615	3C / 840
HUIBREGTSE	RANDY W	14619	3C / 846
HULL	ALAN C	14102	3A / 6
HULL	ALAN C	14456	3B / 534
HULL	ALAN C	14464	3B / 550
HUNZIBER (ILLEGIBLE)	TAMA	14282	3A / 194
HUNZIFER (ILLEGIBLE)	TAE (ILLEGIBLE)	14282	3A / 194
HUTCHINGS	LARRY	14282	3A / 194
HVASS	DEAN A	14858	3H / 2770
HYDE	MURRAY V	14565	3B / 738
HYDE	NATHAN	14565	3B / 738
HYDE	NATHAN	14707	3D / 1256
HYDE	NATHAN	14919	3H / 2992
HYDE	NESHA	14565	3B / 738
HYDE	SALLY J	14493	3B / 592
HYDE	SALLY J	14565	3B / 738
HYDE	SALLY J	14637	3C / 896
HYDE	THAD	14565	3B / 738
ICKERT	DON	14858	3H / 2770
IMHOLTE	RICHARD W	14919	3H / 2992
INNES	BOB	14291	3A / 254
INTRAVATROLE	PETE	14282	3A / 194
ISAACSON	DEANNE	14215	3A / 116
ISAACSON	DEANNE	14714	3D / 1296
ISAACSON	DEANNE	14784	3E / 1656
ISAACSON	DEANNE	14824	3F / 2174
ISAACSON	JOHN	14215	3A / 116
ISAACSON	JOHN	14714	3D / 1296
ISAACSON	JOHN	14784	3E / 1656
ISAACSON	JOHN	14824	3F / 2174
ISON	JEANIE	14282	3A / 194
JAMES II	FRANK	14919	3H / 2992
JEHNE	MATTHEW J	14473	3B / 572
JENISCH	DANIEL A	14312	3A / 272
JENSEN	AUDREY	14282	3A / 194
JOHNSON	ANGELA	14282	3A / 194
JOHNSON	CRAIG	14282	3A / 194
JOHNSON	DAVID	14282	3A / 194
JOHNSON	JANICE	14858	3H / 2770
JOHNSON	JOSHUA	14282	3A / 194
JOHNSON	MELYSSA	14282	3A / 194
JOHNSON	NANCY	14122	3A / 20

Last Name	First Name	Log Number	Volume / Page
JOHNSON	PARK	14842	3G / 2592
JOHNSON	RANDOLPH E	14223	3A / 134
JOHNSON	RANDOLPH E	14282	3A / 194
JOHNSON	RAY	14585	3B / 784
JOHNSON	RICHARD	14919	3H / 2992
JOHNSON	ROBERT	14282	3A / 194
JOHNSON	ROBERT F	14282	3A / 194
JOHNSON	SANDRA	14282	3A / 194
JOHNSON	SARAH	14282	3A / 194
JOHNSON	SCOTT M	14282	3A / 194
JOHNSON	STEPHANIE J	14282	3A / 194
JOHNSON	TIM	14858	3H / 2770
JOHNSON	WENDY A	14842	3G / 2592
JOHNSON	WENDY J	14919	3H / 2992
JOHNSTON	AMBER	14282	3A / 194
JONER	JAMES P	14282	3A / 194
JONES	BRIGITTE K	14125	3A / 22
JORDAN	TRISM	14282	3A / 194
JOY	DAVID	14282	3A / 194
JOY	SHERRY	14282	3A / 194
JOY	SHERRY	14846	3H / 2706
JOY	SHERRY	14847	3H / 2710
JOYER	ANGIE	14282	3A / 194
JUNGWIRTH	DUANE	14748	3E / 1536
JUNGWIRTH	RONALD L	14748	3E / 1536
K (ILLEGIBLE)	G (ILLEGIBLE)	14858	3H / 2770
KAJAVA	LAWRENCE	14282	3A / 194
KALLENBERGER	GILLIAN	14282	3A / 194
KANDOLL	BEN H	14388	3B / 420
KANDOLL	BEN H	14424	3B / 492
KANDOLL	BEN H	14838	3G / 2572
KANDOLL	CATHY M	14388	3B / 420
KANDOLL	CATHY M	14424	3B / 492
KANDOLL	CATHY M	14838	3G / 2572
KANDOLL	CATHY M	14858	3H / 2770
KARALEKAS	ROSALIE W	14383	3B / 410
KARJOLA	KELLY	14919	3H / 2992
KARNOFSKI	MICHAEL	14692	3C / 1158
KARNOWSKI	BRENDA	14844	3H / 2604
KARVIA	CHARLES N	14454	3B / 528
KASKI	JAMES C	14282	3A / 194
KEATLEY	ALICIA	14807	3F / 1978

Last Name	First Name	Log Number	Volume / Page
KEATLEY	BOB	14801	3F / 1934
KEATLEY	DARLEEN G	14800	3F / 1928
KEATLEY	DARLEEN G	14839	3G / 2584
KEATLEY	SANDRA	14743	3D / 1500
KEATLEY	TRAVIS	14807	3F / 1978
KEATLEY	JOHN E	14490	3B / 584
KEATLEY	JOHN E	14800	3F / 1928
KEEN	JOHN	14282	3A / 194
KEEN	JOHN	14858	3H / 2770
KEEN	SHELLEY	14282	3A / 194
KEEN	SHELLEY	14846	3H / 2706
KEEN	SHELLEY	14858	3H / 2770
KEIRAN	T J	14375	3A / 392
KEIRAN	T J	14494	3B / 596
KEIRAN	T J	14793	3E / 1800
KELLER	LEESA	14282	3A / 194
KELLSTADT	CHARLES	14116	3A / 16
KENNINGTON	CAROLYN	14602	3C / 816
KERLO	ROBERT W	14919	3H / 2992
KERR	MIKE	14282	3A / 194
KERSHAW	CJ	14282	3A / 194
KIMBLE	BILL	14282	3A / 194
KINGDON	THOMAS	14858	3H / 2770
KINGERY	PAUL F	14588	3B / 788
KINSEY	GEORGE H	14685	3C / 1138
KINSEY	GEORGE H	14688	3C / 1142
KINSEY	LAURIE	14730	3D / 1430
KISSINGER	DELBERT G	14121	3A / 20
KLUG	JERRY	14714	3D / 1296
KLUG	JERRY	14824	3F / 2174
KLUG	LOLA	14714	3D / 1296
KLUG	LOLA	14824	3F / 2174
KNEIPP	MITCH T	14710	3D / 1268
KNIGHTON	MARK	14282	3A / 194
KOEBKE	KRISTI L	14768	3E / 1590
KRAISLER	ANNA	14841	3G / 2588
KRAISLER	KENNETH	14140	3A / 36
KRAISLER	KENNETH	14841	3G / 2588
KREICHBAUM II	ROGER	14282	3A / 194
KROLL	DREW	14282	3A / 194
KRUEGER	HARRY	14282	3A / 194
KRUEGER	HARRY	14842	3G / 2592

Last Name	First Name	Log Number	Volume / Page
KRUEGER	HARRY	14846	3H / 2706
KRUEGER	STEVE	14842	3G / 2592
KRUEGER	STEVE	14846	3H / 2706
KRUEGER	STEVE	14919	3H / 2992
KUBO	TERESA A	14791	3E / 1774
KUJAVA	BILL	14858	3H / 2770
KUJAVA	JEFF	14858	3H / 2770
KUSHING	LISA	14841	3G / 2588
KYSAR	MERANDA	14858	3H / 2770
LACK	CATHERINE	14282	3A / 194
LAHTI	JON	14282	3A / 194
LAKE	DENNIS D	14282	3A / 194
LALIL (ILLEGIBLE)	SANDRA	14282	3A / 194
LAMB	JOHN B	14572	3B / 766
LAMB	TWILA	14572	3B / 766
LANDES	MC	14282	3A / 194
LANE	JOSH	14282	3A / 194
LARSEN	MARY	14215	3A / 116
LARSEN	MARY	14714	3D / 1296
LARSEN	MARY	14784	3E / 1656
LARSEN	MARY	14824	3F / 2174
LARSEN	MICHAEL	14215	3A / 116
LARSEN	MICHAEL	14714	3D / 1296
LARSEN	MICHAEL	14784	3E / 1656
LARSEN	MICHAEL	14824	3F / 2174
LARSON	CLAYTON	14770	3E / 1592
LARWICK	JARED	14919	3H / 2992
LAVELY	DANIEL	14282	3A / 194
LAVELY	VALERIE	14282	3A / 194
LAWFFER	LINDA	14282	3A / 194
LAWFFER	RANDY	14282	3A / 194
LAWLESS	ANNETTE	14282	3A / 194
LAWLESS	DAVID	14282	3A / 194
LAWRENCE	GILBERT W	14308	3A / 268
LAWRENCE	MOLLY	14788	3E / 1714
LAWSON-WEBER	LIZ	14844	3H / 2604
LAY	TRACEY	14919	3H / 2992
LEE	BRIAN	14282	3A / 194
LEE	CRYSTAL	14282	3A / 194
LEHECKA	KRISTINA M	14282	3A / 194
LEHECKA	STEVEN	14282	3A / 194
LEMUS	ALFONSO	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
LENZINI	LISA	14160	3A / 66
LENZINI	LISA	14606	3C / 824
LEONARD	JASON	14282	3A / 194
LESBO	PETER	14388	3B / 420
LESBO	PETER	14424	3B / 492
LESBO	PETER	14838	3G / 2572
LESBO	PETER	14858	3H / 2770
LEVANEN	DEBBIE	14636	3C / 896
LEVANEN	DEBBIE	14858	3H / 2770
LEVANEN	LEE	14097	3A / 4
LEVANEN	LEE	14304	3A / 264
LEVANEN	LEE	14509	3B / 626
LEVANEN	LEE	14838	3G / 2572
LEVANEN	LEE	14858	3H / 2770
LEVANEN	LEE	14874	3H / 2928
LEVANEN	LINDSEY	14858	3H / 2770
LEVANEN	MARK	14635	3C / 896
LEVANEN	MARK	14635	3C / 896
LEVANEN	MELISSA	14770	3E / 1592
LEVANEN	RIC	14770	3E / 1592
LEVANEN	SCOTT	14353	3A / 358
LEVANEN	SCOTT R	14858	3H / 2770
LEVANEN	TREVOR	14282	3A / 194
LEVANEN	TREVOR	14289	3A / 252
LEVANEN	TREVOR	14846	3H / 2706
LEVANEN	TREVOR	14847	3H / 2710
LEYDA	JOSEPH D	14753	3E / 1560
LEYDA	JOSEPH D	14819	3F / 2068
LIEN	RICHARD	14744	3D / 1502
LIES	VANESSA	14282	3A / 194
LIU	LINDSEY	14350	3A / 354
LIU	MARY JANE	14349	3A / 352
LIVICK	JUDY	14714	3D / 1296
LIVICK	JUDY	14824	3F / 2174
LIVICK	WAYNE N	14215	3A / 116
LIVICK	WAYNE N	14714	3D / 1296
LIVICK	WAYNE N	14784	3E / 1656
LIVICK	WAYNE N	14824	3F / 2174
LOGSDON	FRANK	14282	3A / 194
LOHNES	TIMOTHY E	14530	3B / 664
LONG	KENNETH	14649	3C / 938
LONNEE	PATRICIA	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
LOUDON	LUCINDA	14919	3H / 2992
LOW	TERRENCE	14282	3A / 194
LUCE	JIM	14835	3G / 2554
LUCERO	FRANCIS V	14282	3A / 194
LYNCH	BERTHA E	14858	3H / 2770
LYNCH	CRAIG	14282	3A / 194
LYNCH	CRAIG	14532	3B / 668
LYNCH	CRAIG	14858	3H / 2770
LYNCH	DEBBIE	14858	3H / 2770
LYNCH	JONATHAN	14858	3H / 2770
LYNCH	JULIE A	14282	3A / 194
LYNCH	JULIE A	14858	3H / 2770
LYNCH	JULIE L	14858	3H / 2770
LYNCH	MIKE	14858	3H / 2770
LYNCH	RICK	14858	3H / 2770
M (ILLEGIBLE)	DUSTIN	14282	3A / 194
MACY	SONIA	14919	3H / 2992
MADORE	DAVID	14827	3F / 2218
MAHONEY	ANGELA	14282	3A / 194
MALINOWSKI	BETH	14282	3A / 194
MALINOWSKI	FREDRICK	14282	3A / 194
MALINOWSKI	FREDRICK	14858	3H / 2770
MALINOWSKI	JAMES H	14282	3A / 194
MALINOWSKI	JAMES H	14347	3A / 352
MALINOWSKI	JAMES H	14842	3G / 2592
MALINOWSKI	JUDITH	14846	3H / 2706
MANAHAN	JANET	14282	3A / 194
MANCHESTER	MICHAEL A	14395	3B / 436
MANFORD	CHERYL	14822	3F / 2166
MANKE	LORETTA	14301	3A / 262
MANN	GRETCHEN	14282	3A / 194
MANWELL	BRIAN	14858	3H / 2770
MARQUARD	MICHAEL S	14778	3E / 1650
MARTIN	ART	14257	3A / 176
MARTINEZ	SAMANTHA E	14612	3C / 832
MASON	DENISE	14170	3A / 76
MASON	DOLORES L	14770	3E / 1592
MASON	LARRY N	14770	3E / 1592
MASSA	LANA	14858	3H / 2770
MASSON	PAMELA	14322	3A / 300
MASTERSON	KRISTIE	14282	3A / 194
MAT	ANDREW	14841	3G / 2588

Last Name	First Name	Log Number	Volume / Page
MAT	MARTA	14841	3G / 2588
MAT	PAULA	14841	3G / 2588
MATHESON	KEITH A	14872	3H / 2924
MATSON	AURORA	14282	3A / 194
MATTSON	NORMA JEAN	14282	3A / 194
MAXWELL	SHELBY	14282	3A / 194
MAYER	RYAN	14282	3A / 194
MAYHAK	CINDY	14282	3A / 194
MAYHAK	MIKE	14282	3A / 194
MAYLONE	CHRISTINE	14844	3H / 2604
MCBOYLE	BARBARA E	14544	3B / 700
MCCAMMON	ELIZABETH K	14240	3A / 146
MCCARTHY	MARY	14282	3A / 194
MCCARTY	CLIFF	14282	3A / 194
MCCAY	KAY	14311	3A / 270
MCCLUNG	CARISSA L	14770	3E / 1592
MCCLUNG	CODY L	14770	3E / 1592
MCCOY	DON	14282	3A / 194
MCDANIEL	DAN M	14858	3H / 2770
MCDONALD	BARB	14841	3G / 2588
MCDONALD	DAVID	14176	3A / 102
MCDONALD	WALTER	14841	3G / 2588
MCDONALD	WALTER	14885	3H / 2978
MCDOUGALL	BECKY	14858	3H / 2770
MCDOUGALL	ROGER	14858	3H / 2770
MCELLIGOTT	HOPE G	14919	3H / 2992
MCELLRATH	JOSH	14135	3A / 30
MCFARLAND	DANIELLE A	14596	3B / 802
MCGAUVVRAN	MARYJO	14282	3A / 194
MCGEE	DR JERRY	14282	3A / 194
MCGHEE	MARILYN	14300	3A / 262
MCGUIRE	JAMES S	14607	3C / 830
MCINTOSH	BETTY JO	14420	3B / 486
MCINTOSH	BETTY JO	14420	3B / 486
MCIRVIN	MICHAEL W	14282	3A / 194
MCKEE	JOANNE	14281	3A / 192
MCNAUGHTON	BONNIE	14858	3H / 2770
MCNEAL	ANDREW	14858	3H / 2770
MCQUAY	LORI	14858	3H / 2770
MEANS	JUANITA L	14489	3B / 582
MEANS	JUANITA L	14650	3C / 942
MEANS	SCOTT E	14557	3B / 726

Last Name	First Name	Log Number	Volume / Page
MELVOIN	PETER	14282	3A / 194
MENDOZA	SONIA	14837	3G / 2558
MENZA	PETER J	14680	3C / 1116
MENZA	PETER J	14699	3C / 1168
MENZA	PETER J	14773	3E / 1624
MERRIMAN	DAVID	14770	3E / 1592
MERRIMAN	KELLI	14770	3E / 1592
MERRIMAN	KURT L	14770	3E / 1592
MERRIMAN	NINA	14770	3E / 1592
MERRIMAN	STACI E	14770	3E / 1592
MESSNER	DENNIS	14858	3H / 2770
MIEDERHOFF	BRAD L	14726	3D / 1426
MIELKE	TOM	14827	3F / 2218
MILLAN	TODD	14919	3H / 2992
MILLAR	MICHELLE	14282	3A / 194
MILLER	ADRIAN	14815	3F / 2034
MILLER	GARY	14858	3H / 2770
MILLER	GREGORY S	14540	3B / 694
MILLER	JACK	14282	3A / 194
MILLER	KIRK A	14541	3B / 694
MILLER	LISA A	14542	3B / 696
MILLER	REESE	14282	3A / 194
MILLS	JOHN A	14148	3A / 46
MILLS	JOHN A	14149	3A / 56
MILLS	JOHN A	14171	3A / 80
MILLS	JOHN A	14797	3E / 1838
MILLS	JOHN A	14797	3E / 1838
MILLS	JOHN A	14818	3F / 2062
MILLS	MICHAEL PITTOCK	14818	3F / 2062
MINISTER	AMY M	14215	3A / 116
MINISTER	AMY M	14714	3D / 1296
MINISTER	AMY M	14784	3E / 1656
MINISTER	AMY M	14824	3F / 2174
MINISTER	APRIL L	14215	3A / 116
MINISTER	APRIL L	14714	3D / 1296
MINISTER	APRIL L	14784	3E / 1656
MINISTER	APRIL L	14824	3F / 2174
MINISTER	APRIL L	14828	3G / 2264
MINISTER	BOLTON C	14215	3A / 116
MINISTER	BOLTON C	14714	3D / 1296
MINISTER	BOLTON C	14784	3E / 1656
MINISTER	BOLTON C	14824	3F / 2174

Last Name	First Name	Log Number	Volume / Page
MINISTER	BOLTON C	14846	3H / 2706
MINISTER	BOLTON C	14856	3H / 2766
MINISTER	BOLTON R	14215	3A / 116
MINISTER	BOLTON R	14714	3D / 1296
MINISTER	BOLTON R	14784	3E / 1656
MINISTER	BOLTON R	14824	3F / 2174
MINISTER	LOLA J	14215	3A / 116
MINISTER	LOLA J	14714	3D / 1296
MINISTER	LOLA J	14784	3E / 1656
MINISTER	LOLA J	14824	3F / 2174
MISNER	JAMES	14692	3C / 1158
MITCHEM	DARCY J	14523	3B / 648
MOLINOS	VICENTE A	14771	3E / 1602
MONFORT	MOLLY	14282	3A / 194
MONKS	CHRISTINA	14282	3A / 194
MOODY	LINETTE	14282	3A / 194
MOORE	MERLE L	14282	3A / 194
MOORE	MERLE L	14354	3A / 360
MOORE	MERLE L	14443	3B / 518
MOORE	MERLE L	14751	3E / 1550
MOORE	SAMI	14858	3H / 2770
MORGAN	DOLORES	14844	3H / 2604
MORRIS	JAMES R	14282	3A / 194
MORROW	LINDA M	14919	3H / 2992
MORVEE	BILL	14453	3B / 528
MOSS	ALISON	14495	3B / 598
MOSS	ALISON	14844	3H / 2604
MOSS	BOBBY J	14858	3H / 2770
MOSS	BOBBY JOE	14134	3A / 30
MOSS	BOBBY JOE	14858	3H / 2770
MOSS	WALTRAUDE	14858	3H / 2770
MOSS	WALTRAUDE	14858	3H / 2770
MOWLES	TAMMY	14282	3A / 194
MOYER	WILLIAM E	14738	3D / 1448
MULLING	CATHY	14282	3A / 194
MUNGER	MARLENA N	14178	3A / 104
MURPHY	JOHN	14468	3B / 562
MURRAY	PATTY	14889	3H / 2980
MYERS	CATHY	14288	3A / 250
NAULT	JOSHUA	14282	3A / 194
NEASE	JULIE	14282	3A / 194
NEASE	NICK	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
NEILSON	ROGER B	14157	3A / 64
NEIMAN	JAMES A	14858	3H / 2770
NELLIS	CAROL	14340	3A / 344
NELSON	DENISE L	14474	3B / 572
NELSON	KAYE A	14613	3C / 832
NELSON	KAYE A	14667	3C / 1074
NELSON	MARGARET	14282	3A / 194
NELSON	NA	14282	3A / 194
NELSON	WILLIAM A	14545	3B / 702
NELSON	WILLIAM A	14662	3C / 974
NELSON-BINDER	LAVETTA	14282	3A / 194
NEMETH	JOHN	14282	3A / 194
NEMETH	PEARL	14282	3A / 194
NEWMAN	NANCIE	14858	3H / 2770
NEWTON	TERESA	14282	3A / 194
NIES	DEREK S	14605	3C / 818
NOBLE	HERB	14282	3A / 194
NOBLE	LINDA	14282	3A / 194
NONUS	CATHY	14282	3A / 194
NORTH	CHARLES T	14282	3A / 194
NORTH	CHERYL	14282	3A / 194
NUNN	DEANE	14858	3H / 2770
NUNN	LUTHER D	14858	3H / 2770
NUNN	TRACEE	14858	3H / 2770
NYBERG	DERRICK L	14841	3G / 2588
NYLUND	CALEB R	14215	3A / 116
NYLUND	CALEB R	14714	3D / 1296
NYLUND	CALEB R	14784	3E / 1656
NYLUND	CALEB R	14824	3F / 2174
NYLUND	JULIE A	14714	3D / 1296
NYLUND	JULIE A	14824	3F / 2174
NYLUND	KARI M	14215	3A / 116
NYLUND	KARI M	14714	3D / 1296
NYLUND	KARI M	14784	3E / 1656
NYLUND	KARI M	14824	3F / 2174
NYLUND	ROD	14714	3D / 1296
NYLUND	RODNEY P	14824	3F / 2174
O'BRIEN	ALLISON	14561	3B / 732
O'BRIEN	ALLISON	14788	3E / 1714
O'BRIEN	ALLISON	14825	3F / 2210
O'BRIEN	MICHAEL	14687	3C / 1140
O'BRIEN	SHELLEY	14682	3C / 1118

Last Name	First Name	Log Number	Volume / Page
O'CONNOR	MOLLY	14282	3A / 194
OGDEN	ANDREW J	14684	3C / 1136
OGDEN	ANDREW J	14919	3H / 2992
OGDEN	PHYLLIS J	14570	3B / 762
OHARA	WILLIAM	14282	3A / 194
OJA	DEBORAH	14282	3A / 194
OJA	MICKEY LEE	14282	3A / 194
O'LEARY	BOB	14215	3A / 116
O'LEARY	BOB	14784	3E / 1656
O'LEARY	CLARA	14215	3A / 116
O'LEARY	CLARA	14714	3D / 1296
O'LEARY	CLARA	14784	3E / 1656
O'LEARY	CLARA	14824	3F / 2174
O'LEARY	DEBORAH	14215	3A / 116
O'LEARY	DEBORAH	14714	3D / 1296
O'LEARY	DEBORAH	14784	3E / 1656
O'LEARY	DEBORAH	14824	3F / 2174
O'LEARY	GORDON	14215	3A / 116
O'LEARY	GORDON	14714	3D / 1296
O'LEARY	GORDON	14784	3E / 1656
O'LEARY	GORDON	14824	3F / 2174
O'LEARY	MEAGHAN	14215	3A / 116
O'LEARY	MEAGHAN	14714	3D / 1296
O'LEARY	MEAGHAN	14784	3E / 1656
O'LEARY	MEAGHAN	14824	3F / 2174
O'LEARY	ROB	14215	3A / 116
O'LEARY	ROB	14714	3D / 1296
O'LEARY	ROB	14784	3E / 1656
O'LEARY	ROB	14824	3F / 2174
O'LEARY	ROBERT J	14714	3D / 1296
O'LEARY	ROBERT J	14824	3F / 2174
O'LEARY JR	GORDON	14215	3A / 116
O'LEARY JR	GORDON	14714	3D / 1296
O'LEARY JR	GORDON	14784	3E / 1656
O'LEARY JR	GORDON	14824	3F / 2174
OLSEN	BRENDA J	14767	3E / 1588
OLSEN (ILLEGIBLE)	LEATRI (ILLEGIBLE)	14858	3H / 2770
OLSON	PATTI	14282	3A / 194
OLSON	PATTI	14670	3C / 1080
OLSON	PATTI	14802	3F / 1936
OLSON	PATTI	14803	3F / 1940
OLSON	PATTI	14804	3F / 1944

Last Name	First Name	Log Number	Volume / Page
OLSON	PATTI	14805	3F / 1946
OLSON	PATTI	14846	3H / 2706
OLSON	PATTI	14875	3H / 2930
OLSON	TODD	14701	3C / 1172
O'NEAL	LAUREN	14858	3H / 2770
ONEILL	CLINTEN D	14423	3B / 490
ONEILL	CLINTEN D	14581	3B / 780
OPSAHL	JOHN	14216	3A / 132
OPSAHL	JOHN	14238	3A / 142
OPSAHL	JOHN	14239	3A / 144
OPSAHL	JOHN	14386	3B / 414
OPSAHL	JOHN	14780	3E / 1650
OPSAHL	JOHN	14880	3H / 2950
OSBORN	JAMES	14168	3A / 74
OSHIRO	BONNIE	14858	3H / 2770
OVERHOLTZER	CHRIS	14919	3H / 2992
OVERHOLTZER	PAULA	14144	3A / 40
OVERHOLTZER	PAULA	14351	3A / 354
OVERHOLTZER	PAULA	14402	3B / 450
OVERHOLTZER	PAULA	14441	3B / 514
OVERHOLTZER	PAULA	14472	3B / 568
OVERHOLTZER	PAULA	14506	3B / 616
OVERHOLTZER	PAULA	14690	3C / 1148
OVERHOLTZER	PAULA	14723	3D / 1356
OVERHOLTZER	PAULA	14725	3D / 1422
OVERHOLTZER	PAULA	14919	3H / 2992
OVERTON	KEVIN	14282	3A / 194
PAGE	LAURIE	14282	3A / 194
PAGE	LAURIE	14858	3H / 2770
PAGE	RICHARD	14858	3H / 2770
PAGET	GLEN	14642	3C / 924
PAINE	KENNETH E	14858	3H / 2770
PALADENI	DAVID P	14770	3E / 1592
PALADENI	HAROLD P	14675	3C / 1090
PALADENI	HAROLD P	14770	3E / 1592
PALADENI	LINDA KAREN	14716	3D / 1332
PALADENI	MARGARET	14675	3C / 1090
PALADENI	MARGARET	14770	3E / 1592
PALMQUIST	KEITH	14282	3A / 194
PAPPIN	JUDY	14844	3H / 2604
PARKER	JIMMY A	14282	3A / 194
PARKS	CHRISTA	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
PARKS	KATLIN	14282	3A / 194
PARKS	KEVIN	14282	3A / 194
PAULUS	TYSON	14282	3A / 194
PEARL	RANDALL D	14477	3B / 574
PEARL	RANDALL D	14547	3B / 706
PEASE	ALBERT A	14858	3H / 2770
PEDERSON	VICTORIA	14858	3H / 2770
PENDLETON-ORME	SHEILA	14837	3G / 2558
PENNINGTON	BRIDGET	14282	3A / 194
PENNY	BILL	14858	3H / 2770
PERCIVAL	TODD A	14770	3E / 1592
PERSONIUS	E L	14669	3C / 1080
PETERS	ZAC	14282	3A / 194
PETERSEN	JEFF D	14618	3C / 844
PETERSEN	JEFF K	14698	3C / 1166
PFEIFER	JANET R	14435	3B / 504
PICKENS	CHRIS	14131	3A / 26
PICKENS	CHRIS	14132	3A / 28
PIERCE	DENNIS	14307	3A / 268
PIRRONE	ANDREA E	14159	3A / 64
PITKIN	JAMES N	14783	3E / 1654
POELING	JUSTON M	14732	3D / 1434
POELING	SHANNON	14732	3D / 1434
POMALOCK	RUTH	14152	3A / 60
POMALOCK	RUTH	14175	3A / 100
POND	ANGELA S	14536	3B / 688
PONN	LARRY	14858	3H / 2770
PONN	SHARON	14858	3H / 2770
PONT	CARLOS	14621	3C / 850
POOLE	ANDREW H	14282	3A / 194
POOLE	JANE S	14282	3A / 194
POOLE	JANE S	14578	3B / 776
POPE	NEIL	14858	3H / 2770
PORTER	DAVID P	14332	3A / 332
POSNER	STEPHEN	14864	3H / 2896
POTEET	BILL	14282	3A / 194
POTEET	LYNN	14282	3A / 194
POTTER	JUDY	14444	3B / 520
PRENTICE-THORNLEY	DEBRA	14654	3C / 956
PRICHARD	ELLEN A	14569	3B / 760
PROCTOR	JAMES	14858	3H / 2770
PROCTOR	STEWART A	14858	3H / 2770

Last Name	First Name	Log Number	Volume / Page
PROTHERO	BRAD	14282	3A / 194
PYATT	ROY D	14546	3B / 704
QUEEN	EARL	14793	3E / 1800
QUILLING	MAURA	14282	3A / 194
QUILLING	MAURA	14842	3G / 2592
QUILLING	MAURA	14846	3H / 2706
QUILLING	MAURA	14847	3H / 2710
QUILLING	RAYMOND J	14282	3A / 194
QUILLING	RAYMOND J	14842	3G / 2592
QUILLING	RAYMOND J	14846	3H / 2706
QUILLING	RAYMOND J	14847	3H / 2710
R (ILLEGIBLE)	MIKE	14282	3A / 194
RAGLONIE	LARRY C	14660	3C / 970
RAIHALA	CURT	14124	3A / 22
RAIMER	ZOIA	14282	3A / 194
RANDALL	JEFF	14282	3A / 194
RANDOLPH	DON K	14393	3B / 432
RANDOLPH	KELLI	14162	3A / 68
RANSELL	KIMBERLY	14844	3H / 2604
RAPALUS	STEVE C	14543	3B / 698
RASKAMP	KIMBERLY	14858	3H / 2770
RASKAMP	MIKE	14858	3H / 2770
RAYNER	CHARLOTTE L	14858	3H / 2770
RAYNER	EDWARD A	14696	3C / 1162
RAYNER	EDWARD A	14858	3H / 2770
REED	JOE	14282	3A / 194
REED	PAMELA	14282	3A / 194
REICHGOTT	CHRISTINE B	14791	3E / 1774
REID	TED	14282	3A / 194
REKUCKI	JAMES J	14919	3H / 2992
REKUCKI	LAURIE A	14919	3H / 2992
RENO	JEAN	14858	3H / 2770
REQUA	DIANA	14718	3D / 1338
REQUA	DIANA	14719	3D / 1340
REQUA	DIANA	14721	3D / 1352
REUTTER	COLLEEN	14282	3A / 194
REVESZ	JANE M	14105	3A / 8
REVESZ	JANE M	14123	3A / 20
REVESZ	JANE M	14266	3A / 188
REVESZ	JANE M	14282	3A / 194
REVESZ	JANE M	14431	3B / 498
REVESZ	JANE M	14432	3B / 500

Last Name	First Name	Log Number	Volume / Page
REVESZ	JANE M	14531	3B / 666
REVESZ	JANE M	14724	3D / 1364
REVESZ	JANE M	14731	3D / 1430
REVESZ	JANE M	14772	3E / 1618
REVESZ	JANE M	14796	3E / 1836
REVESZ	JANE M	14842	3G / 2592
REVESZ	JANE M	14846	3H / 2706
REVESZ	JANE M	14855	3H / 2738
REVESZ	JANE M	14858	3H / 2770
REVESZ	PETER	14253	3A / 168
REVESZ	PETER	14282	3A / 194
REVESZ	PETER	14431	3B / 498
REVESZ	PETER	14432	3B / 500
REVESZ	PETER	14531	3B / 666
REVESZ	PETER	14567	3B / 758
REVESZ	PETER	14724	3D / 1364
REVESZ	PETER	14731	3D / 1430
REVESZ	PETER	14772	3E / 1618
REVESZ	PETER	14796	3E / 1836
REVESZ	PETER	14842	3G / 2592
REVESZ	PETER	14846	3H / 2706
REVESZ	PETER	14855	3H / 2738
REVESZ	PETER	14858	3H / 2770
REVESZ	PETER	14859	3H / 2806
REVESZ	SANDRA	14282	3A / 194
REVESZ	SANDRA	14842	3G / 2592
REVESZ	SANDRA	14846	3H / 2706
REYES	ALLISON	14282	3A / 194
RICHARD	DIANE	14282	3A / 194
RICHARDS	MARY	14770	3E / 1592
RICHARDS	RAYMOND B	14182	3A / 108
RICHARDS	RAYMOND B	14282	3A / 194
RICHARDS	RAYMOND B	14336	3A / 338
RICHARDS	RAYMOND B	14346	3A / 350
RICHARDS	RAYMOND B	14424	3B / 492
RICHARDS	RAYMOND B	14442	3B / 516
RICHARDS	RAYMOND B	14460	3B / 546
RICHARDS	RAYMOND B	14501	3B / 610
RICHARDS	RAYMOND B	14509	3B / 626
RICHARDS	RAYMOND B	14723	3D / 1356
RICHARDS	RAYMOND B	14725	3D / 1422
RICHARDS	RAYMOND B	14752	3E / 1556

Last Name	First Name	Log Number	Volume / Page
RICHARDS	RAYMOND B	14753	3E / 1560
RICHARDS	RAYMOND B	14770	3E / 1592
RICHARDS	RAYMOND B	14838	3G / 2572
RICHARDS	RAYMOND B	14846	3H / 2706
RICHARDS	RAYMOND B	14847	3H / 2710
RICHARDS	RAYMOND B	14850	3H / 2724
RICHARDS	RAYMOND B	14851	3H / 2726
RICHARDS	RAYMOND B	14856	3H / 2766
RICHARDS	RAYMOND B	14919	3H / 2992
RICKFORD	JACK	14282	3A / 194
RITOLA	MELINDA C	14841	3G / 2588
RITTER	MICHAEL W	14486	3B / 580
RITTER	MICHAEL W	14865	3H / 2902
RIVAS	GABRIELLA	14282	3A / 194
ROANE	EDWARD M	14919	3H / 2992
ROBINSON	LYNN E	14858	3H / 2770
ROCK	JERRY	14282	3A / 194
RODGERS	WESLEY	14282	3A / 194
ROGERS	BARBARA	14348	3A / 352
ROGERS	CAMERON	14282	3A / 194
ROGERS	NORENE	14858	3H / 2770
ROGERS	OREY	14282	3A / 194
ROSALES	VINCENT R	14714	3D / 1296
ROSALES	VINCENT R	14824	3F / 2174
ROSIER	VERN	14858	3H / 2770
ROSS	DAVID C	14858	3H / 2770
ROSS	DORIE	14282	3A / 194
ROTSCHY	EATHYL	14858	3H / 2770
ROTSCHY	KAREN	14282	3A / 194
ROTSCHY	KAREN	14282	3A / 194
ROTSCHY	KAREN	14858	3H / 2770
RUBLE	EMILY G	14919	3H / 2992
RUDOLPH	VICTOR	14858	3H / 2770
RUESTIG	CARL	14482	3B / 578
RUESTIG	CARL	14696	3C / 1162
RUESTIG	CARL	14858	3H / 2770
RUESTIG	VICTORIA	14858	3H / 2770
RUTLEDGE	MARCIA	14919	3H / 2992
RUTLEDGE	STEVE	14919	3H / 2992
RYAN-CONNELLY	LESLIE D	14706	3D / 1252
SABATA	REYNOLD L	14919	3H / 2992
SABATA	SUZANNE A	14505	3B / 616

Last Name	First Name	Log Number	Volume / Page
SABATA	SUZANNE A	14792	3E / 1792
SABATA	SUZANNE A	14849	3H / 2714
SABATA	SUZANNE A	14919	3H / 2992
SAFRANSKI	RICK	14254	3A / 174
SAFRANSKI	RICK	14623	3C / 856
SAGENDORF SR	DONALD	14282	3A / 194
SALGRASS	RICHARD	14282	3A / 194
SAMODUROV	JENNIFER S	14306	3A / 266
SANDIFORTH	ALEXANDRA	14677	3C / 1094
SANDLIN	GAIL	14837	3G / 2558
SANSBURN	ADAM	14282	3A / 194
SANTOLUCITO	FREDRIC J	14622	3C / 852
SANTOLUCITO	FREDRIC J	14631	3C / 886
SARASOHN	ERNA	14138	3A / 34
SARASOHN	ERNA	14214	3A / 114
SARASOHN	ERNA	14502	3B / 612
SARASOHN	ERNA	14571	3B / 764
SARASOHN	ERNA	14766	3E / 1588
SARASOHN	LES	14507	3B / 616
SAVALA	SKYLER	14282	3A / 194
SAVALA	TERI	14282	3A / 194
SAYAD	JEREMY	14858	3H / 2770
SAYER	WILLIAM G	14458	3B / 542
SAYER	WILLIAM G	14526	3B / 654
SCHADEWITZ	KATHY	14858	3H / 2770
SCHADEWITZ	RODNEY	14858	3H / 2770
SCHELSKE	BERNADEAN	14282	3A / 194
SCHELSKE	GARY	14282	3A / 194
SCHLINK	SHARON	14919	3H / 2992
SCHMEDER	NANCY	14414	3B / 474
SCHMITZ	CARISSA	14844	3H / 2604
SCHNOEBELEN	EVELYN	14645	3C / 934
SCHNOEBELEN	YARO	14658	3C / 968
SCHROEDER	REBECCA	14837	3G / 2558
SCHUABEL	DAN	14919	3H / 2992
SCHULTZ-RATHBUN	CAROLYN J	14774	3E / 1624
SCHUMACHER	JANE	14146	3A / 44
SCHUMACHER	RYLEY	14282	3A / 194
SCIESZINSKI	BOB	14282	3A / 194
SCOTT	DAVID	14339	3A / 342
SCOTT	MARK	14842	3G / 2592
SEIL	DONALD J	14756	3E / 1578

Last Name	First Name	Log Number	Volume / Page
SEIL	LISBETH A	14625	3C / 868
SEIL	LISBETH A	14754	3E / 1576
SENOWITZ	PHOEBE	14919	3H / 2992
SETH	ROBERT	14528	3B / 658
SETH	KRISTINA	14528	3B / 658
SHAFIR	LUCY	14282	3A / 194
SHAFIR	LUCY	14842	3G / 2592
SHAFIR	LUCY	14846	3H / 2706
SHAFIR	LUCY	14847	3H / 2710
SHANDY	ANTHONY R	14842	3G / 2592
SHANDY	CRISTI	14842	3G / 2592
SHANDY	CRISTI	14858	3H / 2770
SHARP	LARRY M	14282	3A / 194
SHARP	SHARON L	14282	3A / 194
SHARP	SHARON L	14391	3B / 428
SHAUT	DEBRA	14282	3A / 194
SHAUT	DOUG	14282	3A / 194
SHAW	JULIE A	14565	3B / 738
SHAW	LYNLEY	14565	3B / 738
SHAW	OGIE	14565	3B / 738
SHAW	TYLER	14565	3B / 738
SHIGENO	CRAIG T	14215	3A / 116
SHIGENO	CRAIG T	14714	3D / 1296
SHIGENO	CRAIG T	14784	3E / 1656
SHIGENO	CRAIG T	14824	3F / 2174
SHIGENO	KARI V	14215	3A / 116
SHIGENO	KARI V	14714	3D / 1296
SHIGENO	KARI V	14784	3E / 1656
SHIGENO	KARI V	14824	3F / 2174
SHINN	DAWN D	14858	3H / 2770
SHINN	LARRY	14858	3H / 2770
SHINN	LD	14858	3H / 2770
SHIPPY	KEN	14282	3A / 194
SHO (ILLEGIBLE)	WILHO (ILLEGIBLE)	14858	3H / 2770
SHOOLL	JAMES	14282	3A / 194
SHOWN	CARLA	14844	3H / 2604
SIM AUS	BERNIE	14858	3H / 2770
SIMMONS	CATHI	14341	3A / 344
SIMONEN	LEE	14282	3A / 194
SIVYER	SUZY	14884	3H / 2972
SKALING	MICHAEL	14858	3H / 2770
SKLYAROV	VENIAMIN V	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
SLOCUM	BRAD	14556	3B / 724
SMALLEY	SALLY	14410	3B / 466
SMITH	BEN	14282	3A / 194
SMITH	BRENT M	14180	3A / 104
SMITH	BRIAN C	14282	3A / 194
SMITH	DARRELL E	14411	3B / 468
SMITH	KIM L	14646	3C / 934
SMITH	MATTHEW A	14919	3H / 2992
SMITH	MIA	14215	3A / 116
SMITH	MIA	14714	3D / 1296
SMITH	MIA	14784	3E / 1656
SMITH	MIA	14824	3F / 2174
SMITH	MILDRED M	14411	3B / 468
SMITH	PAUL	14858	3H / 2770
SMITH	RODNEY L	14215	3A / 116
SMITH	RODNEY L	14282	3A / 194
SMITH	RODNEY L	14330	3A / 326
SMITH	RODNEY L	14357	3A / 366
SMITH	RODNEY L	14429	3B / 496
SMITH	RODNEY L	14714	3D / 1296
SMITH	RODNEY L	14784	3E / 1656
SMITH	RODNEY L	14824	3F / 2174
SMITH	RODNEY L	14829	3G / 2300
SMITH	RODNEY L	14831	3G / 2318
SMITH	RODNEY L	14846	3H / 2706
SMITH	RODNEY L	14856	3H / 2766
SMITH	RON	14282	3A / 194
SMITH	TAYLOR	14215	3A / 116
SMITH	TAYLOR	14714	3D / 1296
SMITH	TAYLOR	14784	3E / 1656
SMITH	TAYLOR	14824	3F / 2174
SMITH	TRACEY B	14282	3A / 194
SNEAD	KEVIN R	14858	3H / 2770
SNOW	DARRIN W	14128	3A / 24
SNYDER	AARON	14282	3A / 194
SNYDER	JEFF	14858	3H / 2770
SOCOLOFSKY	WALTER DAVID	14901	3H / 2990
SOLVERSON	JENNIFER	14282	3A / 194
SOUTH	GARY D	14282	3A / 194
SOUTH	JULIE	14282	3A / 194
SPADY	KIM	14388	3B / 420
SPADY	KIM	14838	3G / 2572

Last Name	First Name	Log Number	Volume / Page
SPADY	KIM	14858	3H / 2770
SPENCER	SCOTT R	14367	3A / 386
SPENCER	SHIRLEY	14282	3A / 194
SPERLING	M	14282	3A / 194
SPINDLE	TERRIE A	14434	3B / 504
SPOLAR	LINDA	14510	3B / 628
SPOLAR	LINDA	14770	3E / 1592
SPOLAR	TRENTON J	14245	3A / 156
SPOLAR	TRENTON J	14510	3B / 628
SPOLAR	TRENTON J	14770	3E / 1592
SPOLAR	TRENTON J	14919	3H / 2992
SPRENKEL	ANNETTE	14842	3G / 2592
SPRENKEL	ANNETTE	14846	3H / 2706
SPRENKEL	ANNETTE	14847	3H / 2710
STAMPS	JACLYN	14282	3A / 194
STANLEY	JEREMY	14282	3A / 194
STAPENHORST TRUSTEE	MARGARET	14616	3C / 842
STAROS	DOMINIK S	14757	3E / 1578
STAROS	GINA A	14755	3E / 1576
STEIN	HAROLD L	14538	3B / 690
STEPHENS	RONALD S	14776	3E / 1634
STEPP	PATRICIA	14282	3A / 194
STEWART	CALEB	14282	3A / 194
STEWART	TANYA E	14282	3A / 194
STEWART	TROY	14282	3A / 194
STIGLICH	LYNN	14626	3C / 868
STIGLICH	LYNN	14638	3C / 910
STILLMAN	MICHAEL	14282	3A / 194
STONE	ARZIL	14282	3A / 194
STROEBE	MARGARET E	14742	3D / 1498
STRONG	CODY	14858	3H / 2770
STRONG	JEFF DAVID	14858	3H / 2770
STRONG	JUSTIN	14858	3H / 2770
STROUSE		14841	3G / 2588
STUART	STEVE	14827	3F / 2218
STUART (ILLEGIBLE)	BRIAN	14282	3A / 194
STUDEBAKER	LAWRENCE G	14231	3A / 136
STURDEVENT	ROGER	14858	3H / 2770
SUBSITS	JOE	14840	3G / 2586
SUDBECK	HELEN A	14246	3A / 162
SULLIVAN	NICK	14858	3H / 2770
SUNDBERG	VILAS	14642	3C / 924

Last Name	First Name	Log Number	Volume / Page
SUNDERLAND	KIRA A	14282	3A / 194
SUNDERLAND	KIRA A	14729	3D / 1428
SUNDERLAND	KIRA A	14739	3D / 1460
SUNDERLAND	KIRA A	14900	3H / 2990
SUNDERLAND	PAUL	14282	3A / 194
SUNDERLAND	PILA	14282	3A / 194
SUTTON	THOMAS L	14858	3H / 2770
SUTTON	THOMAS R	14653	3C / 952
SWANSON	AMANDA M	14295	3A / 258
SWANSON	AMANDA M	14444	3B / 520
SWANSON	AXEL	14827	3F / 2218
SWANSON	LYNN M	14374	3A / 392
SWATOSH	JOHN	14398	3B / 442
SWENSON	AUGUST	14282	3A / 194
SWENSON	SUSAN	14282	3A / 194
SWIECH	VLADEK	14447	3B / 522
SWONGER	CINDIE	14282	3A / 194
TACHE	KATIE	14282	3A / 194
TALLMAN	MARK	14701	3C / 1172
TAVONEH (ILLEGIBLE)	MISTY	14282	3A / 194
TAYLOR	HOWARD W	14614	3C / 834
TAYLOR	JON	14282	3A / 194
TAYLOR	LESLIE A	14379	3A / 400
TAYLOR	LORI A	14614	3C / 834
TAYLOR	SCOTT	14282	3A / 194
TAYLOR	TIM	14104	3A / 8
TAYLOR	TIM	14841	3G / 2588
TEMPLEMAN	JUSTINE M	14249	3A / 166
TEMPLEMAN	JUSTINE M	14841	3G / 2588
TERPENNING	CHRISTINA	14282	3A / 194
TERPENNING	GLENN	14282	3A / 194
TEVLIN	CHRISTOPHER	14282	3A / 194
THAYER	SHERRY	14282	3A / 194
THEW	LARRY E	14858	3H / 2770
THOMAS	CAROL	14282	3A / 194
THOMAS	CHERI L	14282	3A / 194
THOMAS	JOANN M	14529	3B / 662
THOMAS	JOANN M	14770	3E / 1592
THOMAS	MARTY	14282	3A / 194
THOMPSON	HEATHER Y	14282	3A / 194
THOMSON	JEREMY	14282	3A / 194
THORNLEY	ROY	14654	3C / 956

Last Name	First Name	Log Number	Volume / Page
THRELKELD	JAN	14858	3H / 2770
TIKKA	JUSTIN	14483	3B / 578
TIKKA	JUSTIN	14696	3C / 1162
TIKKA	STACY	14858	3H / 2770
TILL	RICHARD	14863	3H / 2878
TINGLEY	JERRY	14858	3H / 2770
TOMMASINI	DAVID A	14568	3B / 760
TRIBE	LINDA M	14282	3A / 194
TRIBE	MICHELLE	14282	3A / 194
TRIMER	DAMIEN	14282	3A / 194
TROBRIDGE	PATRICIA	14824	3F / 2174
TROWBRIDGE	PATRICIA A	14651	3C / 946
TROWBRIDGE	PATRICIA A	14714	3D / 1296
TRULLINGER	CHRIS	14282	3A / 194
TRULLINGER	KAMANI	14282	3A / 194
TRULLINGER	PAUL	14282	3A / 194
TRUMAN	CYNTHIA	14282	3A / 194
TRUMAN	JASON	14282	3A / 194
TRUMP	WARREN	14282	3A / 194
TRUSCINSKI	WAYNE F	14580	3B / 778
TUININGA	JOHN PAUL	14328	3A / 320
TUININGA	JOHN PAUL	14841	3G / 2588
TURNER	BEVERLY G	14179	3A / 104
TURNER	BEVERLY G	14770	3E / 1592
TURNER	BEVERLY G	14809	3F / 1988
TURNER	BEVERLY G	14919	3H / 2992
TURNER	TERRY R	14919	3H / 2992
ULM	ROGER	14282	3A / 194
ULM	SANDRA	14282	3A / 194
URIAS	DEBRA	14282	3A / 194
URIAS	RICHARD	14282	3A / 194
USKOSKI	JULAE	14858	3H / 2770
V (ILLEGIBLE)	JEFF	14388	3B / 420
V (ILLEGIBLE)	JEFF	14838	3G / 2572
VAN DIJK	RICHARD	14689	3C / 1144
VAN DIJK	RICHARD	14711	3D / 1280
VAN DIJK	RICHARD	14715	3D / 1310
VAN DIJK	RICHARD	14720	3D / 1342
VAN DIJK	RICHARD	14722	3D / 1354
VAN DIJK	RICHARD	14810	3F / 1990
VAN DIJK	VIVIAN	14691	3C / 1154
VAN DUYN	ANN	14366	3A / 384

Last Name	First Name	Log Number	Volume / Page
VANANTWERP	SHAYLA	14173	3A / 100
VASKELIS	HARRIET	14388	3B / 420
VASKELIS	HARRIET	14838	3G / 2572
VASKELIS	HARRIET	14858	3H / 2770
VASKELIS	VICTOR	14268	3A / 190
VASKELIS	VICTOR	14388	3B / 420
VASKELIS	VICTOR	14424	3B / 492
VASKELIS	VICTOR	14838	3G / 2572
VASKELIS	VICTOR	14846	3H / 2706
VASKELIS	VICTOR	14847	3H / 2710
VASKELIS	VICTOR	14858	3H / 2770
VASKELIS	VICTOR	14919	3H / 2992
VAUGHT	GREGORY E	14119	3A / 18
VAUGHT	GREGORY E	14439	3B / 512
VAUGHT	GREGORY E	14841	3G / 2588
VENESS	LANA	14858	3H / 2770
VENNERI	LAURA	14919	3H / 2992
VEST	ASHLEY	14282	3A / 194
VEST	MARK	14282	3A / 194
VILLARREAL	KIM	14858	3H / 2770
VILLARREAL	RALPH	14858	3H / 2770
VILLEGAS	JENNIFER	14282	3A / 194
VOGEL	WILLIAM	14137	3A / 32
WAGNER	MICHELLE C	14335	3A / 336
WAGNER	MICHELLE C	14361	3A / 374
WALDAL	LEILANI	14858	3H / 2770
WALKER	ALETHA	14644	3C / 930
WALKER	LEROY	14644	3C / 930
WALKER	LORI	14919	3H / 2992
WALKER	THERESA L	14919	3H / 2992
WALTERS	KEVIN M	14846	3H / 2706
WALTERS	SHAUNA	14282	3A / 194
WAMESLSDORF	SAM	14858	3H / 2770
WANKE	JENNIFER	14282	3A / 194
WANTAJA	ANGIE E	14770	3E / 1592
WANTAJA	TREVOR	14770	3E / 1592
WARD	DOUG F	14858	3H / 2770
WARD	MONTY LEE	14282	3A / 194
WARD	RACHELLE L	14282	3A / 194
WARING	ANGELA	14282	3A / 194
WARING	ANTHONY	14282	3A / 194
WARNKE	CASEY	14668	3C / 1076

Last Name	First Name	Log Number	Volume / Page
WARNKE	CASEY	14858	3H / 2770
WARNKE	DEBORAH E	14509	3B / 626
WARNKE	DEBORAH E	14668	3C / 1076
WARNKE	DEBORAH E	14838	3G / 2572
WARREN	KATHLEEN	14841	3G / 2588
WATSON	BRUCE J	14703	3D / 1228
WATSON	BRUCE J	14816	3F / 2052
WATSON	FINN H	14713	3D / 1288
WATSON	JON W	14760	3E / 1582
WATSON	LEANNE L	14709	3D / 1262
WATSON	LINDA S	14601	3C / 810
WATSON	MARSHALL	14712	3D / 1284
WATSON	NORMA J	14702	3D / 1224
WEBER	DENNIS P	14692	3C / 1158
WEBSTER	BENJAMIN	14634	3C / 894
WEIHE	TIMOTHY E	14518	3B / 646
WEIHE	TIMOTHY E	14841	3G / 2588
WEIHE	TIMOTHY E	14870	3H / 2920
WEIHE	TRICIA G	14841	3G / 2588
WEIHL	STEVE	14282	3A / 194
WERNER	BRENDA	14234	3A / 138
WEST	ROLLAN	14919	3H / 2992
WESTIN	CHAD	14858	3H / 2770
WETMORE	ROSE	14604	3C / 816
WHITE	CLINTON	14282	3A / 194
WHITENELL- CLARK	VICTORIA	14858	3H / 2770
WHITLAM	ROB	14156	3A / 62
WHITSON	JENNIFER	14282	3A / 194
WILLARD	CONNIE	14282	3A / 194
WILLETTE	LINDA	14282	3A / 194
WILLIAMS	CAROL E	14310	3A / 270
WILLS	JOE	14282	3A / 194
WILLS	NOLA J	14412	3B / 470
WILLS	ROBERT C ETUX	14412	3B / 470
WILSON	KELLY	14282	3A / 194
WILSON	LYNN	14282	3A / 194
WILSON	LINDA L	14794	3E / 1832
WILSON	THOMAS C	14576	3B / 774
WILSON	THOMAS C	14594	3B / 798
WILSON	THOMAS C	14600	3B / 806
WILSON	THOMAS C	14794	3E / 1832
WINNETT	NANCY	14282	3A / 194

Last Name	First Name	Log Number	Volume / Page
WIRSTAREN	STEFFAN	14282	3A / 194
WITHEE	BEN	14282	3A / 194
WITHEE	ROBERT W	14282	3A / 194
WITTER	LEE	14282	3A / 194
WITTER	LEE	14842	3G / 2592
WITTER	LEE	14846	3H / 2706
WITTER	PATRICIA LEE	14181	3A / 106
WITTER	PATRICIA LEE	14184	3A / 112
WITTER	PATRICIA LEE	14724	3D / 1364
WITTER	PATRICIA LEE	14731	3D / 1430
WITTER	PATRICIA LEE	14758	3E / 1580
WITTER	PATRICIA LEE	14796	3E / 1836
WITTER	PATRICIA LEE	14855	3H / 2738
WITTER-KAHN	LEE	14858	3H / 2770
WODAEGE	SUSAN	14185	3A / 112
WOHLERS	JO ANN	14548	3B / 708
WOHLERS	KURT L	14549	3B / 710
WOLD	SANDY	14841	3G / 2588
WOMELSDORF	SAMUEL	14282	3A / 194
WONDERLICH	ARTHUR	14282	3A / 194
WOOD	DAVID H	14282	3A / 194
WOOD	EMILY K	14610	3C / 830
WOOD	KENNETH M	14539	3B / 692
WOODRUFF	CATHERINE	14377	3A / 396
WOODWARD	ERIC	14384	3B / 412
WRIGHT	BARBARA	14282	3A / 194
WRIGHT	DAVID	14282	3A / 194
WRIGHT	LAVELLA D	14282	3A / 194
WRIGLEY	VICKIE	14282	3A / 194
WYLER	W H	14418	3B / 482
YOUNG	DEBORAH	14282	3A / 194
YOUNG	DONALD E	14733	3D / 1438
YOUNG	DR SHARON	14813	3F / 2026
YOUNG	LEONARD S	14665	3C / 980
YOUNG	ROBERT	14282	3A / 194
YOUNG	STEVEN	14282	3A / 194
YUAN	GANG	14343	3A / 346
YUAN	GANG	14517	3B / 644
ZEGERS	THOMAS B	14305	3A / 264
ZENGER-NEIMAN	AMY K	14620	3C / 848
ZENGER-NEIMAN	AMY K	14620	3C / 848
ZENTZIS	DAVID	14298	3A / 260

Last Name	First Name	Log Number	Volume / Page
ZHIMING	MEI	14344	3A / 348
ZITT	DARCI	14858	3H / 2770
ZITT	DEBRA	14388	3B / 420
ZITT	DEBRA	14838	3G / 2572
ZITT	DEBRA	14858	3H / 2770
ZITT	DEBRA	14919	3H / 2992
ZITT	DEREK	14424	3B / 492
ZITT	DEREK	14858	3H / 2770
ZITT	DOUGLAS L	14388	3B / 420
ZITT	DOUGLAS L	14424	3B / 492
ZITT	DOUGLAS L	14838	3G / 2572
ZITT	DOUGLAS L	14858	3H / 2770
ZITT	DOUGLAS L	14919	3H / 2992
ZUREK	STEFANIE	14282	3A / 194
(ILLEGIBLE)	(ILLEGIBLE)	14841	3G / 2588
(ILLEGIBLE)	(ILLEGIBLE)	14846	3H / 2706
(ILLEGIBLE)	(ILLEGIBLE)	14846	3H / 2706
(ILLEGIBLE)	(ILLEGIBLE)	14858	3H / 2770
(ILLEGIBLE)	(ILLEGIBLE)	14858	3H / 2770
(ILLEGIBLE)	CHRIS	14842	3G / 2592
(NOT PROVIDED)	(NOT PROVIDED)	14324	3A / 304
(NOT PROVIDED)	(NOT PROVIDED)	14389	3B / 424
(NOT PROVIDED)	(NOT PROVIDED)	14399	3B / 444
(NOT PROVIDED)	(NOT PROVIDED)	14416	3B / 478
(NOT PROVIDED)	(NOT PROVIDED)	14422	3B / 488
(NOT PROVIDED)	(NOT PROVIDED)	14433	3B / 502
(NOT PROVIDED)	(NOT PROVIDED)	14471	3B / 566
(NOT PROVIDED)	(NOT PROVIDED)	14512	3B / 638
(NOT PROVIDED)	DICK	14919	3H / 2992
(NOT PROVIDED)	MIKE	14127	3A / 24
(NOT PROVIDED)	RICK	14747	3E / 1534

Businesses

Organization Name	Log Number	Volume / Page
ALPHA RIDING ACADEMY	14844	3H / 2604
ANDERSON LODGE	14750	3E / 1544
BRICKLIN & NEWMAN	14683	3C / 1120
BRICKLIN & NEWMAN	14819	3F / 2068
BRICKLIN & NEWMAN	14820	3F / 2096
BRICKLIN & NEWMAN	14821	3F / 2160
BRICKLIN & NEWMAN	14830	3G / 2308
BRICKLIN & NEWMAN	14832	3G / 2386

Organization Name	Log Number	Volume / Page
BRICKLIN & NEWMAN	14860	3H / 2836
CASTLE ROCK CHAMBER OF COMMERCE	14661	3C / 972
DEARBORN & MOSS P.L.L.C.	14844	3H / 2604
DRAGON ANALYTICAL LABORATORY INC.	14369	3A / 390
FOSTER PEPPER PLLC	14677	3C / 1094
HASLINGER PROPERTIES LLC	14777	3E / 1634
KEATLEY COWLITZ FARM LLC	14823	3F / 2172
LEYDA CONSULTING INC	14753	3E / 1560
LEYDA CONSULTING INC	14819	3F / 2068
LONGVIEW TIMBERLANDS LLC	14815	3F / 2034
MILLS FAMILY LLC	14148	3A / 46
MILLS FAMILY LLC	14149	3A / 56
MILLS FAMILY LLC	14171	3A / 80
MILLS FAMILY LLC	14818	3F / 2062
NORTHERN WASCO COUNTY PUD	14172	3A / 96
PACIFICORP	14701	3C / 1172
SEGALE PROPERTIES LLC	14881	3H / 2952
SIERRA PACIFIC INDUSTRIES	14833	3G / 2546
SIRRAH CORPORATION	14382	3B / 408
TO EVERY SEASON ANTIQUES	14674	3C / 1088
WEYERHAEUSER COMPANY	14806	3F / 1952
WITTER/REVESZ FAMILY TREE FARMS	14731	3D / 1430
WITTER/REVESZ FAMILY TREE FARMS	14859	3H / 2806

Government

Organization Name	Log Number	Volume / Page
CASTLE ROCK SCHOOL DISTRICT #401	14642	3C / 924
CITY OF CAMAS	14313	3A / 274
CITY OF CAMAS	14323	3A / 302
CITY OF CAMAS	14326	3A / 312
CITY OF CAMAS	14333	3A / 332
CITY OF CAMAS	14334	3A / 334
CITY OF CAMAS	14337	3A / 340
CITY OF CAMAS	14342	3A / 346
CITY OF CAMAS	14677	3C / 1094
CITY OF CASTLE ROCK	14375	3A / 392
CITY OF CASTLE ROCK	14494	3B / 596
CITY OF CASTLE ROCK	14497	3B / 604
CITY OF CASTLE ROCK	14793	3E / 1800
CITY OF KELSO	14292	3A / 254
CITY OF WASHOUGAL	14325	3A / 306
CITY OF WASHOUGAL	14339	3A / 342

Organization Name	Log Number	Volume / Page
CITY OF WASHOUGAL	14710	3D / 1268
CLARK COUNTY	14827	3F / 2218
COWLITZ COUNTY	14692	3C / 1158
COWLITZ COUNTY PUD NO 1	14585	3B / 784
COWLITZ COUNTY, DEPARTMENT OF PUBLIC WORKS	14368	3A / 388
STATE OF OREGON, DEPARTMENT OF FISH AND WILDLIFE	14257	3A / 176
STATE OF OREGON, STATE HISTORICAL PRESERVATION OFFICE	14595	3B / 800
STATE OF WASHINGTON, DEPARTMENT OF ARCHAEOLOGY AND HISTORIC PRESERVATION	14156	3A / 62
STATE OF WASHINGTON, DEPARTMENT OF ECOLOGY	14837	3G / 2558
STATE OF WASHINGTON, DEPARTMENT OF FISH AND WILDLIFE	14486	3B / 580
STATE OF WASHINGTON, DEPARTMENT OF FISH AND WILDLIFE	14865	3H / 2902
STATE OF WASHINGTON, DEPARTMENT OF NATURAL RESOURCES	14665	3C / 980
STATE OF WASHINGTON, ENERGY FACILITY SITE EVALUATION COUNCIL	14835	3G / 2554
STATE OF WASHINGTON, ENERGY FACILITY SITE EVALUATION COUNCIL	14864	3H / 2896
STATE OF WASHINGTON, RECREATION AND CONSERVATION OFFICE	14706	3D / 1252
STATE OF WASHINGTON, UTILITIES AND TRANSPORTATION COMMISSION	14840	3G / 2586
U.S. DEPARTMENT OF THE INTERIOR, OFFICE OF ENVIRONMENTAL POLICY AND COMPLIANCE	14561	3B / 732
U.S. DEPARTMENT OF THE INTERIOR, OFFICE OF ENVIRONMENTAL POLICY AND COMPLIANCE	14788	3E / 1714
U.S. DEPARTMENT OF THE INTERIOR, OFFICE OF ENVIRONMENTAL POLICY AND COMPLIANCE	14825	3F / 2210
U.S. ENVIRONMENTAL PROTECTION AGENCY	14791	3E / 1774
U.S. NATIONAL PARK SERVICE	14474	3B / 572

Community Groups

Organization Name	Log Number	Volume / Page
A BETTER WAY FOR BPA	14110	3A / 12
A BETTER WAY FOR BPA	14133	3A / 28
A BETTER WAY FOR BPA	14164	3A / 70
A BETTER WAY FOR BPA	14165	3A / 72
A BETTER WAY FOR BPA	14327	3A / 316
A BETTER WAY FOR BPA	14338	3A / 340

Organization Name	Log Number	Volume / Page
A BETTER WAY FOR BPA	14346	3A / 350
A BETTER WAY FOR BPA	14427	3B / 494
A BETTER WAY FOR BPA	14440	3B / 512
A BETTER WAY FOR BPA	14442	3B / 516
A BETTER WAY FOR BPA	14455	3B / 530
A BETTER WAY FOR BPA	14459	3B / 544
A BETTER WAY FOR BPA	14460	3B / 546
A BETTER WAY FOR BPA	14501	3B / 610
A BETTER WAY FOR BPA	14511	3B / 636
A BETTER WAY FOR BPA	14627	3C / 870
A BETTER WAY FOR BPA	14628	3C / 876
A BETTER WAY FOR BPA	14629	3C / 880
A BETTER WAY FOR BPA	14673	3C / 1086
A BETTER WAY FOR BPA	14683	3C / 1120
A BETTER WAY FOR BPA	14718	3D / 1338
A BETTER WAY FOR BPA	14719	3D / 1340
A BETTER WAY FOR BPA	14721	3D / 1352
A BETTER WAY FOR BPA	14723	3D / 1356
A BETTER WAY FOR BPA	14725	3D / 1422
A BETTER WAY FOR BPA	14734	3D / 1440
A BETTER WAY FOR BPA	14735	3D / 1442
A BETTER WAY FOR BPA	14740	3D / 1466
A BETTER WAY FOR BPA	14741	3D / 1468
A BETTER WAY FOR BPA	14746	3D / 1504
A BETTER WAY FOR BPA	14753	3E / 1560
A BETTER WAY FOR BPA	14775	3E / 1626
A BETTER WAY FOR BPA	14819	3F / 2068
A BETTER WAY FOR BPA	14820	3F / 2096
A BETTER WAY FOR BPA	14821	3F / 2160
A BETTER WAY FOR BPA	14829	3G / 2300
A BETTER WAY FOR BPA	14830	3G / 2308
A BETTER WAY FOR BPA	14832	3G / 2386
A BETTER WAY FOR BPA	14838	3G / 2572
A BETTER WAY FOR BPA	14842	3G / 2592
A BETTER WAY FOR BPA	14847	3H / 2710
A BETTER WAY FOR BPA	14856	3H / 2766
A BETTER WAY FOR BPA	14857	3H / 2768
A BETTER WAY FOR BPA	14858	3H / 2770
A BETTER WAY FOR BPA	14860	3H / 2836
A BETTER WAY FOR BPA	14876	3H / 2936
A BETTER WAY FOR BPA	14889	3H / 2980
ANOTHER WAY BPA	14504	3B / 614

Organization Name	Log Number	Volume / Page
ANOTHER WAY BPA	14689	3C / 1144
ANOTHER WAY BPA	14715	3D / 1310
ANOTHER WAY BPA	14799	3F / 1864
ANOTHER WAY BPA	14810	3F / 1990
CITIZENS AGAINST THE TOWERS	14502	3B / 612
CITIZENS AGAINST THE TOWERS	14645	3C / 934
CITIZENS AGAINST THE TOWERS	14658	3C / 968
CITIZENS AGAINST THE TOWERS	14766	3E / 1588
CITIZENS AGAINST THE TOWERS	14799	3F / 1864
COWLITZ POMONA GRANGE #7	14570	3B / 762
DOLE VALLEY LANDOWNERS' COALITION	14629	3C / 880
DOLE VALLEY LANDOWNERS' COALITION	14856	3H / 2766
FRIENDS OF GREEN MOUNTAIN	14388	3B / 420
FRIENDS OF GREEN MOUNTAIN	14856	3H / 2766
FRIENDS OF GREEN MOUNTAIN	14857	3H / 2768
FRIENDS OF THE COLUMBIA GORGE	14863	3H / 2878
FRIENDS OF UPPER LACAMAS CREEK	14357	3A / 366
FRIENDS OF UPPER LACAMAS CREEK	14429	3B / 496
FRIENDS OF UPPER LACAMAS CREEK	14856	3H / 2766
GREEN MEADOWS NEIGHBORHOOD ASSOCIATION	14901	3H / 2990
KASKILLAH SUBDIVISION	14841	3G / 2588
LOOKOUT RIDGE PHASE 3 HOMEOWNERS ASSOCIATION	14283	3A / 248
NO LINES IN POPULATED AREAS	14504	3B / 614
NO LINES IN POPULATED AREAS	14652	3C / 948
NO LINES IN POPULATED AREAS	14790	3E / 1716
NO LINES IN POPULATED AREAS	14799	3F / 1864
OLD RANCH HOMEOWNER'S ASSOCIATION	14383	3B / 410
PRUDENTIAL NORTHWEST PROPERTIES	14721	3D / 1352
THE MANAGEMENT GROUP	14283	3A / 248
TOUTLE VALLEY COMMUNITY ASSOCIATION	14523	3B / 648
TUM TUM CLUB	14356	3A / 364
TUM TUM MOUNTAIN AREA LANDOWNERS COALITION	14856	3H / 2766
TUM TUM MOUNTAIN AREA LANDOWNERS COALITION	14857	3H / 2768
YALE VALLEY COALITION	14799	3F / 1864

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Comments and Responses

Volume 3A

Communication Log Numbers 14093 - 14379

Each comment form, email, letter or other type of correspondence (collectively referred to as communications) was given an identifying log number when it was received (e.g., 14100). Breaks in the number sequence are a result of communications logged during the comment period that were not comments on the Draft EIS. In some cases, duplicate communications (such as petitions and form letters) were later combined and assigned the same log number. Each communication is divided by subject or issue into individual comments. For example, 14444-2 is comment number 2 of communication 14444. BPA received 662 communications on the Draft EIS and 2,859 comments were identified in these communications.

All comments received on the Draft EIS and BPA's responses to these comments are provided in their entirety in Volume 3 (Volume 3A through 3H). Each page of comments is followed by a page of BPA responses to the comments. Due to the number of comments received, Volume 3 has been divided into eight parts for the purposes of printing and managing electronic file sizes (Volume 3A through 3H). The range of log numbers and page numbers found in each volume is included in Table 1 - Volume Contents for reference.

How to Review Comments and Responses

Communications are ordered consecutively by log number in the report. Please refer to Table 2 in the Introduction of Volume 3 for a list of all communications submitted by each commenter and the page number where the communication can be found in Volume 3A through 3H. If BPA's response to a comment refers back to an earlier response, use Table 1 to find the referenced log number. An online comment response search tool is also available at <http://www.bpa.gov/Projects/Projects/I-5/Pages/Search-Comments.aspx>.

Table 1 - Volume Contents

Log Numbers	Volume	Pages
14093 – 14379	3A	1 - 402
14380 – 14600	3B	403 - 808
14601 – 14701	3C	809 - 1222
14702 – 14746	3D	1223 - 1532
14747 – 14798	3E	1533 - 1862
14799 – 14827	3F	1863 - 2262
14828 – 14843	3G	2263 - 2602
14844 – 14919	3H	2603 - 3004

From: Cheryl Brantley
Sent: Tuesday, November 13, 2012 8:01 AM
To: Grow, Luanna J (BPA) - DKE-7; Korsness, Mark A (BPA) - TEP-TPP-3
Subject: RE: Release of routes

14093

14093-1 | when we're speaking of Alternatives, are we still speaking of routes that are not one of the 4 alternatives? For example, route 26 is not one of the 4 alternatives, will this route remain in the study after the DEIS even though it's not one of the 4 alternatives?

14094

BPA I-5 Corridor Reinforcement Project Voicemail
Received: 11/14/2012, 1:52 p.m.

14094-1 | Yes, my name is Carlos Cervantes and my number is . I just received your BPA I-5 Corridor Reinforcement Project, a huge envelope. And I'm not, wasn't aware that you folks had some intentions of coming onto my property. First of all, you don't have permission to come on my property. Second of all, if you folks make one step on my property or attempt to do anything on this property you're going to

14094-2 | have a lawsuit on you so big, it'll be bigger than doomsday. I need you folks to give me a call immediately. My number is . I want to know what your intention is.

- 14093-1 Segment 26 is part of Central Option 3. Though the Preferred Alternative does not use Central Option 3, all alternatives and their options will be considered until BPA's Administrator makes a final decision about the project which will be documented in the Record of Decision.
- 14094-1 BPA contacted the commenter and identified that his property is east of the Preferred Alternative. If BPA needs to access this property in the future, staff will ask for permission to enter the property and the commenter may establish restrictions on access.
- 14094-2 BPA contacted the commenter and determined his properties are not on the Preferred Alternative.

14096

KAREN J HILLER

11/13/2012

14096-1 | ITs a bit hard to know how to comment since the maps dont really show how many properties
and homes your proposals will be negatively effecting. I continue to believe that running the

14096-2 | lines through forest/timber land is the ideal choice. I am not even convinced you have proven

14096-3 | the case for the need of the additional power line.

14097

LEE LEVANEN

11/13/2012

14097-1 | 14acres of Our 20 acre parcel off so called located in north Clark County will be
adversly affected by your proposed project. please reconsider this placement. State timber land
ajoins ours to the north,elevation is not an issue ,placement on public land makes the most
sense. Thanks for your time Lee L.

- 14096-1 Table 5-1, Numbers of Homes from the Edge of Right-of-Way, includes the number of homes at various distances from the edge of the right-of-way for each alternative. The interactive map on the project website also can be scaled to show individual homes and parcels.
- 14096-2 Comment noted.
- 14096-3 Chapter 1, Purpose of and Need for Action, includes information about the need for the project. BPA needs to increase the electrical capacity and transfer capability of its 500-kV transmission system between the Castle Rock area in Washington and the Troutdale, Oregon area, in response to growing local demand for electricity and firm transmission requests that BPA has received to move power across this portion of its system.
- 14097-1 Thank you for the suggestion concerning the proposed routing of the transmission line. As BPA has progressed through the EIS process for this proposed project, we have received many suggestions concerning line routing and have worked to evaluate the feasibility and desirability of each. We have also worked with landowners as appropriate to further discuss routing suggestions, and we have sought to accommodate these suggestions where practicable. The information concerning the routing of the proposed project contained in this Final EIS reflects this input and adjustments to the proposed routing of the transmission line that have been made. Please see Appendices C and C1. BPA has also updated the interactive map available on the project website: www.bpa.gov/goto/i5.

14100

RICHARD CARSON

11/14/2012

14100-1 | I have a question about the preferred alternative transmission line. It appears to be about 2 miles east of [location]. Can you confirm this distance?

From: Alan Hull

Sent: Wednesday, November 14, 2012 1:32 PM

To: BPA I-5 Corridor Reinforcement Project

14102

Subject: Preferred route - central

14102-1 | Newspapers have announced your preferred route is the central one. No detailed maps are available. Nothing online to indicate which is the central preferred route. There are lots of different proposed routes in the central area but nothing to indicate the correct/actual preferred route.

When will you supply this information so we can determine the effects on this historic Melody Ranch House at
?

Thank you for your attention to this detail,
Alan Hull

Page 1 of 1

- 14100-1 BPA confirmed that the subject property is over 2 miles east of the Preferred Alternative.
- 14102-1 BPA determined Segment F, part of the Preferred Alternative, is about 1,200 feet northeast of the Melody Ranch House property address provided by the commenter. BPA provided this information and a map to the commenter. An interactive map of the project is available on the project website: www.bpa.gov/goto/i5.

14103

GARY W ECKERT

11/14/2012

14103-1 | Please forward a CD with the latest updates to the preferred line routing. Many Thanks! Gary

14104

TIM TAYLOR

11/14/2012

14104-1 | I am a homeowner that is going to be within 500 feet of the proposed powerlines. After looking at the preferred alternate route I see that our home is still within 500 ft of the lines. I would like to submit a suggestion that would easily take at least three more homes out of the 500 ft. distance. If you were to go in a straight line from P7 to V 26 it would then take my home and two of my neighbors out of the path of the power lines. There would still be plenty of access using the same roads currently planned to use for the project. I beg you to consider this request as I am trying to maintain the value of my home and property that I have spent years of hard work for. Again I ask that you please at least consider giving three more families a little more distance from the lines. Thank you. Tim Taylor, Kaskilla neighborhood, Battle Ground, WA.

14104-2 |

14104-3 |

14105

BPA I-5 Corridor Reinforcement Project Voicemail**Received 11/14/2012 12:40 p.m.**

14105-1 | Yes, my name is Jane Revesz. My phone number is . I want to request a hard copy of the BPA alternatives DEIS document. We are severely hurt and we deserve to have something we can really study. I'd appreciate the call back and I appreciate the copy. That's . Thank you.

14103-1 BPA provided a CD of the EIS and other project materials to the commenter.

14104-1 Please see the response to Comment 14097-1.

14104-2 Please see the response to Comment 14097-1.

14104-3 Please see the response to Comment 14097-1.

14105-1 BPA provided a hard copy of the EIS to the commenter.

14106

BPA I-5 Corridor Reinforcement Project Voicemail**Received 11/14/2012 7:06 p.m.**

14106-1

Hi, my name is Sean. I'm trying to figure out what route option 1 is. As I got this map, I look at it and it splits off in so many different directions and there are pieces of the map that just don't coincide. I even go online and it doesn't make sense. My whole neighborhood feels that way so I know it's not just me. There's probably a few of us that are looking at it including somebody who actually works for you guys and we have no clue about. So if you could give me a call back here my phone number is . We would greatly appreciate it. We just want to make sure we're either impacted or not impacted. But we just can't tell with the map that you've given us online and in the mail. Thank you.

From: Patti Aspaas**Sent:** Wednesday, November 14, 2012 10:19 PM**To:** BPA I-5 Corridor Reinforcement Project**Subject:** Maps still not clear

14107

14107-1

Dear ???

I received both the packet with the CD and the email about the BPA project. I am getting really tired of not being able to tell where the proposed power lines are supposed to be located. Your maps are no better now than they were in the beginning. I live in Rose Valley and I know the lines are going to be close to me but can't tell if they are close or overhead. Your maps are not telling us whether or not we have a life to look forward to or do we just roll over. I would appreciate some clarity on this issue. You already have my address and phone number, I would appreciate a better MAP!

Patti Aspaas

Page 1 of 1

- 14106-1 BPA contacted the commenter and provided sufficient location information for the Preferred Alternative. The commenter was able to locate the Preferred Alternative on the map.
- 14107-1 BPA contacted the commenter and provided a map of her property that showed the property in relation to the Preferred Alternative. BPA also referred her to the interactive map on the project website.

From: Carol & Ron Buschke
Sent: Wednesday, November 14, 2012 6:29 PM
To: BPA I-5 Corridor Reinforcement Project 14108
Cc:
Subject: Why can't you narrow

the maps to show specific addresses. Why can't I input my address and have a map show it in relation to your project? It would make everything about this project impacting my neighbors and us much easier to understand.

14108-1 | My address is _____ . How does the project affect my home?
 You can call me at _____ or email me at _____
 Thank you.

From: Campbell,Geri A (BPA) - DKE-7 14109
Sent: Thursday, November 15, 2012 8:47 AM
To: Asgharian,Maryam A (BPA) - DKE-7
Subject: I-5 Public comment

candice anderson

14109-1 | I just saw the preferred route that you chose. I am actually sick to my stomach that you feel it is legal and OK to take private land from citizens when you have an existing right of way. This would save millions of dollars and thousands of acres of precious land, trees,wildlife, views. SICK TO MY STOMACH!

Page 1 of 1

[Valerie Gardner, A Better Way for BPA](#)

14110

14110-1 | Go Away BPA. - why would you spend the most tax dollars u - could spend when you have routes that would prevent that from occurring? Ill lay on my road that belongs to ME before you roll over it and go ahead and roll right on over !! You need to reconsider !!! And I'm telling you -OVER MY DEAD BODY will you pry my land from me!!!! You MUST !! Reconsider!!!!!!

- 14108-1 BPA contacted the commenter and referred her to the interactive map on the project website. The commenter was then able to locate her property on Segment 25, which is not part of the Preferred Alternative.
- 14109-1 Comment noted.
- 14110-1 The selection of alternatives for consideration in the EIS, including the Preferred Alternative, included the need to balance many factors, such as managing costs for regional ratepayers, BPA's role as responsible environmental stewards, and meeting the goal of operating a reliable transmission system. BPA considered many factors when identifying its Preferred Alternative. Please see BPA's issue brief at: <http://www.bpa.gov/Projects/Projects/I-5/Documents/BPA-I-5-Issue-Brief-Preferred-Alternative-Nov2012.pdf>.
- 14110-2 Comment noted.

JAIME HERRERA BEUTLER
 3RD DISTRICT, SOUTHWEST WASHINGTON

COMMITTEE ON
 TRANSPORTATION AND INFRASTRUCTURE
 VICE CHAIR, SUBCOMMITTEE ON
 WATER RESOURCES AND ENVIRONMENT

COMMITTEE ON
 SMALL BUSINESS



Congress of the United States
 House of Representatives
 Washington, DC 20515-1602

November 14, 2012

14111
 1130 LONGWORTH HOB
 WASHINGTON D.C. 20515
 (202) 225-3536

GENERAL O.O. HOWARD HOUSE
 750 ANDERSON STREET, SUITE B
 VANCOUVER, WA 98661
 (360) 695-6292

WWW.HERRERADEUTLER.HOUSE.GOV

Stephen J. Wright
 Administrator
 Bonneville Power Administration
 905 NE 11th Avenue
 Portland, Oregon 97232

RECEIVED BY BPA ADMINISTRATOR'S OFC-LOG #: 2012-0079
RECEIPT DATE: 11/14/12
DUE DATE: 12/16/12

Dear Mr. Wright,

Now that the long-awaited day for the BPA to release the Preferred Alternative and Draft Environmental Statement for the I-5 Corridor Reinforcement Project has arrived, I am writing to restate the concerns that have been expressed to me about this plan by the people of my district.

14111-1

As you know from previous correspondence and conversations, I have urged you to protect private property to the fullest extent possible--both rural and urban. As the process continues through the public comment period, I believe it is imperative for agency staff and project managers to listen closely to the concerns, suggestions and fears that will be voiced. It is my hope that the input given will be carefully evaluated and that the BPA will work with affected landowners to minimize the impacts they will experience.

In addition to working with private citizens, I would also urge you to continue to work with the counties and local jurisdictions to reach reasonable compromises on any areas of concern that may arise. The people of Southwest Washington will be heavily affected by this project, and it is my hope that you will do all that you can to seek their input, take their concerns to heart, and to keep them apprised of any actions that the agency is planning.

Thank you for your time and attention to this matter.

Sincerely,

Jaime Herrera Beutler
 Member of Congress

ASSIGN: Sarah Branum, DKR-7
 cc: FO3; DK; DKN; DKR; M. Asgharian, DKE-7;
 L. Grow, DKE-7; N. Wittpenn; KEC-4; H. Adams,
 LC-7; M. Korsness, TEP-TPP-3

- 14111-1 BPA believes that public engagement results in better information and allows us to make better-informed decisions. We have reviewed all comments, evaluated the potential impacts and have used the information to help determine how we could reduce those impacts. BPA is committed to informing the public, counties and local jurisdictions as we make changes to the project and before we make a decision about whether to build a new transmission line.

BPA I-5 Corridor Reinforcement Project Voicemail**Received 11/14/2012 7:48 p.m.**

14116-1 | Hi, my name is Charles Kellstadt. Phone number is . I'm building a home out off
| , which is east of Battle Ground. I'm concerned whether the new proposed power line is going to
| be east of the Venersborg area or it's going to fall right inside the west side of the Venersborg area. I
| can't tell, the maps are not good that you sent out. I can't tell where, the roads are not marked out
| there. So if somebody could give me a call, I'd appreciate it. Again, the number is . Thank
| you, bye.

14117

BPA I-5 Corridor Reinforcement Project Voicemail**Received 11/15/2012 8:40 a.m.**

14117-1 | Yes, my name is Ryan Heinsly. I'm with Longview Timber. I'm their GIS analyst. We're interested in
| getting any GIS data that you have available so that we can do our internal analysis. If you could contact
| me about that, I can be reached at . Thank you, bye.

- 14116-1 BPA contacted the commenter and provided information so that he could locate his property on the interactive map and determine how close the Preferred Alternative is to his property. Segment P, part of the Preferred Alternative, is east of his property.
- 14117-1 BPA supplied available GIS data to the commenter.

14119

GREGORY E VAUGHT

11/15/2012

- 14119-1 I strongly urge you to move Towers V/27P/1, P/2, P/3 and P/4 To the east approximately 990 feet to run due south of tower V/26. This will 1) Cost less. 2)Be shorter. 3) Have greater access from Berry Road, a public road. You will not have easy access through the Kaskillah neighborhood. There is a very sharp 90 degree turn surrounded by mature trees that is very difficult for tractor trailer traffic to negotiate.
- 14119-2 Numerous home construction vehicles have been stuck for several hours. The roads in this neighborhood are privately purchased and very brittle. Any damage will be documented and require repair. 4) Most importantly, these towers will not have a devastating effect on the lives of several families. Tower V/27P/1 is 150 feet from one home and 300 feet from another. The 30 families of the
- 14119-3 Kaskillah Neighborhood are extremely motivated to stop the devastating effects of these 4 towers on our community. Sincerely, Gregory Vaught

14120

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/15/2012 10:30 a.m.**

- 14120-1 Yes, please send any information you can and a map where your projected lines would go. We would appreciate that. Our address is, first of all name, Tim Aldrich and we live at
 And also, is there some kind of a meeting or any public folks we could talk to representing come into an office some place and just chat with you. That would be wonderful if you could leave us that number or a number to call. Thank you very much. And this is Thursday the 16th. Thank you and have a good day. Bye-bye.

- 14119-1 Please see the response to Comment 14097-1.
- 14119-2 Thank you for the suggestion concerning proposed access roads for the proposed transmission line. As BPA has progressed through the EIS process for this proposed project, we have received many suggestions concerning access roads, and have worked to evaluate the feasibility and desirability of each. We have also worked with landowners as appropriate to further discuss access road suggestions, and we have sought to accommodate these suggestions where practicable. The information concerning access roads for the proposed project contained in this Final EIS reflects this input and adjustments to access roads that have been made. Please see Appendix C1. BPA has also updated the interactive map available on the project website: www.bpa.gov/goto/i5.
- 14119-3 Please see the responses to Comments 14097-1 and 14328-5.
- 14120-1 BPA provided a map of the commenter's property and the schedule for the drop-in sessions and public meetings.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/15/2012 11:49 a.m.**

14121-1 | Yeah my name is Delbert Kissinger I live at [REDACTED]. My phone number is [REDACTED] and this proposed route that you are pushing on I-5 corridor looks like it's going right through my property. I wanted a more detailed map of your proposed route. Please give me some information on it as soon as possible. Thank you very much. My name is Delbert Kissinger.

14122

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 9:05 a.m.**

14122-1 | My name is Nancy Johnson. My phone number is [REDACTED]. I have got news via my newspaper and then several other sources that you are going to put your line through. Now I just need the answer to one question and one question only. I live in a trailer park at [REDACTED]. Okay, it's a trailer park, the only one in town. All I need to know is-is this line going to go through this trailer park? Do I need to find a new place to live? Once again, please call me back, my phone is [REDACTED]. I thank you very very much for your kindness. Goodbye.

14123

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 9:54 a.m.**

14123-1 | Hello my name is Jane Revesz. And I am returning a call from Katy Fulton. I am trying to request a hard copy. This is the phone number that she left to call back. My phone number is [REDACTED]. I do want a hard copy. My address is [REDACTED]. We are quite affected. We do want a hard copy so we can study tower locations etcetera. Thank you.

- 14121-1 BPA sent the commenter a map of his property, which is northeast of the Preferred Alternative.
- 14122-1 BPA sent the commenter a map of her property, which is southwest of the Preferred Alternative.
- 14123-1 BPA provided a hard copy of the EIS to the commenter.

14124

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 10:41 a.m.**

14124-1

Hi my name is Curt Raihala. My telephone number is . That's my cell. My direct office number . My e-mail address is . I'm a realtor I'm showing properties to folks that are coming down to Clark County tomorrow, meaning Saturday. The listing agent for the property that we're going to look at provided me with this BP I-5 corridor reinforcement project. What I'm asking for is can I get a copy of the proposed map. The map that was provided in the Columbian, you know, is quite general .If there is a map that you can send me, please do so. Of if you just want to call me-that's great. But I'm looking for a map of what is proposed of the preferred location citing for the line. Again, Curt Raihala, Coldwell Banker Real Estate in Vancouver. Thank you.

14125

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 12:32 p.m.**

14125-1

Hi there my name is Brigitte Jones. I am calling because we continue to receive correspondence on a house that we sold several years ago. So the correspondence needs to go to the correct homeowner and the address is . So if you can send the mail to them you're sending it to our PO Box which was accurate when we owned the home, but again we sold it a couple years ago. If you have any questions I'm at . So go ahead and remove Brigitte and Richard Jones from that address. Thanks.

14126

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 12:53 p.m.**

14126-1

Hi my name is Robert Aldrich. My number is 360-274-7245. I'd like to know how wide the power line right of way is that's through I-5 that you're going to build is. How wide of a right of way is that? Thank you. Bye.

- 14124-1 BPA contacted the commenter and provided assistance to access the online interactive map and Preferred Alternative map on the project website. The commenter was able to print maps from the website.
- 14125-1 BPA removed the commenter from the mailing list.
- 14126-1 BPA contacted the commenter and provided information about the typical width of the right-of-way (150 feet) and referred him to the project website for more information.

14127

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 2:10 p.m.**

14127-1

Hi my name is Mike. My phone number is [REDACTED] I'm looking at a piece of property in Woodland, Washington where there is already a transmission line that runs through there. It was one of the routes that could have been selected; however BPA came out and said they have taken a preferred route. A landowner now says they received a letter from BPA saying that they are not going to use the route that's right by this house. And I'm just wondering if such a letter has indeed been sent out. And that was my question. I'm supposed to go up and look at that property about 3:30 today. If convenient, if you can get back to me by then, I'd appreciate that. Thank you and have a great day.

14128

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 2:25 p.m.**

14128-1

Hi this is Darrin Snow. I received the large envelope yesterday for the I-5 corridor reinforcement and it has an incorrect name on it. I just need to make sure that that is corrected so it doesn't get missed. The address is [REDACTED]. And again, my name is Darrin Snow and I think it is segment 32 where I think I'm located, which I understand has been removed from consideration. So anyhow, if you could make that change, call back [REDACTED]. Thank you.

14129

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/16/2012 4:31 p.m.**

14129-1

Good Morning this is Jim Fisher, a contact person for the Fern Prairie Neighborhood Association, a rural neighborhood association immediately north of Camas in Washougal. I noticed in the listing of where your new statements are available-Camas Library is not listed on that. Your line is going to go through both Washougal, Camas, and also the Fern Prairie Neighborhood. Would it be possible to have a copy of those documents available for the public at the Camas Library, otherwise the nearest one people can go to see is at Vancouver apparently-and they're on the east side. My phone number is [REDACTED]. Thank you.

- 14127-1 BPA contacted the commenter and informed him that BPA sent out a project update that identified the Central Alternative using Central Option 1 as its Preferred Alternative. All alternatives and their options will be considered, however, until BPA's Administrator makes a final decision about the project. Please see BPA's issue brief at: <http://www.bpa.gov/Projects/Projects/I-5/Documents/BPA-I-5-Issue-Brief-Preferred-Alternative-Nov2012.pdf> for more information.
- 14128-1 BPA contacted the commenter and informed him that his property is on a Segment that was removed from further consideration. BPA has removed his name from the project mailing list.
- 14129-1 After the printing and distribution of the project update announcing the release of the Draft EIS, BPA added locations where people could view hard copies of the EIS, including the Camas Public Library. BPA contacted the commenter by phone.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/17/2012 1:49 p.m.**

- 14130-1 Yes, this is Elizabeth L Hamilton. I would like a copy of the Draft EIS for the central alternative route. I am in line 11. It appears to me that this central alternative will miss me. But I still
- 14130-2 would like to understand, if there's any chance of going with the rest of Weyerhaeuser's route K and I, which joins F. My phone number is . If it is possible to send me a copy of this, I would appreciate it very much. Thank you now.

14131

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/19/2012 3:35 p.m.**

- 14131-1 Hi my name is Chris Pickens. I'm buying a property right next to one of the proposed avenues for the I-5 Corridor Project. The address is . I just want to make sure that there will be no stipulations as to what I can do on my property if I'm just outside the zone, I guess. I don't know what word that would be. Anyway, if you can call me and let me know if there will be any stipulations on what I can do with my land once I purchase it, I would appreciate that. My phone number is . Thank you.

- 14130-1 BPA sent a hard copy of the Draft EIS to the commenter.
- 14130-2 All alternatives and options are still being considered, but the Central Alternative using Central Option 1 is BPA's Preferred Alternative. Please see BPA's issue brief at: <http://www.bpa.gov/Projects/Projects/I-5/Documents/BPA-I-5-Issue-Brief-Preferred-Alternative-Nov2012.pdf> for more information. BPA will make a decision about the project after the release of the Final EIS.
- 14131-1 If BPA decides to build this project and if no project components cross your property, there would be no land use constraints on your land. It is possible that the line could be seen from your property, and possibly heard during damp weather conditions, but BPA would not require direct land use restrictions.

14132

CHRIS PICKENS

11/18/2012

- 14132-1 | I just put an offer on the house listed above to purchase this property....[address]... It looks like the proposed line almost goes directly through the property....If this is the case....Will I be forced to move out?....Or can I stay?.....Will the line be ran right over the top of me....or underground??? Sincerely, Chris
- 14132-2 | Pickens

14133

A BETTER WAY FOR BPA, CHERYL KAY BRANTLEY

11/15/2012

Luanna,

- 14133-1 | I'm not sure if we were included in receiving a full printed copy of the DEIS document. I think I requested it in the past, but want to make sure our group receives one by requesting it now. We need this before our upcoming community meeting.

Thank you,

Please email it to:

A Better Way for BPA

C/O Cheryl Brantley

[address]

- 14132-1 This property is one-quarter mile east of the proposed transmission line right-of-way and is not crossed by the project. Section 11.2.2.5, Property Values, describes potential relocation impacts. BPA's projects rarely require relocating residents, businesses, or farm operations. BPA ensures that the landowner is fully informed of the relocation process if it appears that relocation would be necessary. The Federal Highway Administration's brochure entitled "Your Rights and Benefits as a Displaced Person," is available at the following website: <http://www.fhwa.dot.gov/realestate/rights/>.
- 14132-2 Section 4.7.7, Undergrounding the Transmission Line, describes undergrounding of the transmission line. Undergrounding was considered early in the environmental process but has been eliminated from further consideration.
- 14133-1 The commenter received a hard copy of the Draft EIS.

From: Bobby Moss
Sent: Thursday, November 15, 2012 7:29 PM
To: BPA I-5 Corridor Reinforcement Project
Subject: i-5 project

14134-1 I received a packet today relating to the proposed i-5 corridor reinforcement project. I did not get a lot of info from it. I own three properties in Amboy, and do not know how any of this will affect any of my holdings. It seems to me B.P.A. could provide a searchable data base on the internet with specific addresses to clarify to effected property owners as to the effects would be with street no. ect. To say only a few homes would be effected and have the entire North Clark County confused, I think a searchable data base, similar to the Clark County P.I.C. board would at least limit the number of people confused and angered by B.P.A. projects. If any of these properties are deemed unusable due to tower installations or access to them, is the B.P.A. 14134-2 authorized to purchase them, or will we be forced to vacate our Properties without compensation?

14134-3 None of the maps provided for any of the routes show Street, Road, or Highway indicators, so there is no way to determine where this Route will affect us, and to what extent.

Thank you
 Bobby J. Moss

-----Original Message-----

From: Josh McEllrath
 Sent: Thursday, November 15, 2012 5:41 PM
 To: BPA I-5 Corridor Reinforcement Project
 Subject: I-5 corridor project

14135

Hello,

14135-1 My name is Josh McEllrath and I live at . Could you please change the addressee from Eleanor and Armond Campbell / Tamara LeMont to my name? I bought this property this year from them and I'm sure they wouldn't mind (Eleanor and Armond are my grandparents, Tamara is my mother).

Thanks,
 Josh McEllrath
 BPA Ross Chief Substation Operator

- 14134-1 BPA provided maps to the commenter and informed him about the interactive map available on the project website.
- 14134-2 Chapter 11, Socioeconomics, describes how BPA would provide compensation to property owners where the project would impair the owner's reasonable use of the property.
- 14134-3 BPA informed the commenter about the interactive map on the project website that includes highway, street and road names, and locations of proposed project facilities.
- 14135-1 BPA changed the project mailing list as requested by the commenter.

From: David Galle
Sent: Saturday, November 17, 2012 2:27 PM
To: BPA I-5 Corridor Reinforcement Project
Subject: cd-rom of I-5 project draft EIS

Hello,

14136-1 | Please send a cd-rom of the I-5 project draft EIS to:

David Galle

Thank you.

From:
Sent: Friday, November 16, 2012 12:56 PM
To: BPA I-5 Corridor Reinforcement Project
Subject: I5 BPA

14137

14137-1 | I received an envelope today addressed to me as "alternate energy coordinator" -- I have not been in that position for at least 18 months now. Please direct all electronic and written materials to Nancy Brennan-Dubbs in our office.

Thank you very much.

Bill

Page 1 of 1

14136-1 BPA sent the commenter a CD and other project materials.

14137-1 BPA removed the commenter from the project mailing list.

From: Erna Sarasohn
Sent: Friday, November 16, 2012 11:08 AM
To: Asgharian, Maryam A (BPA) - DKE-7
Subject: Maps

14138

Good Morning Maryam,

I was so happy to talk to you yesterday and want you to know I will send you positive thoughts everyday while waiting for the little Princess to arrive.

14138-1

I have had a lot of people stop by asking for hard copies of the new map and would like to confirm you requested 50 maps be sent to me.

Thank you Maryam and again, Happy Thanksgiving.
Erna

Page 1 of 1

14138-1 BPA sent the maps to the commenter as they became available.

From: Ken Kraisler
Sent: Monday, November 19, 2012 10:13 AM
To: BPA I-5 Corridor Reinforcement Project
Subject: comment submission

14140

BPA and Mark Korseness

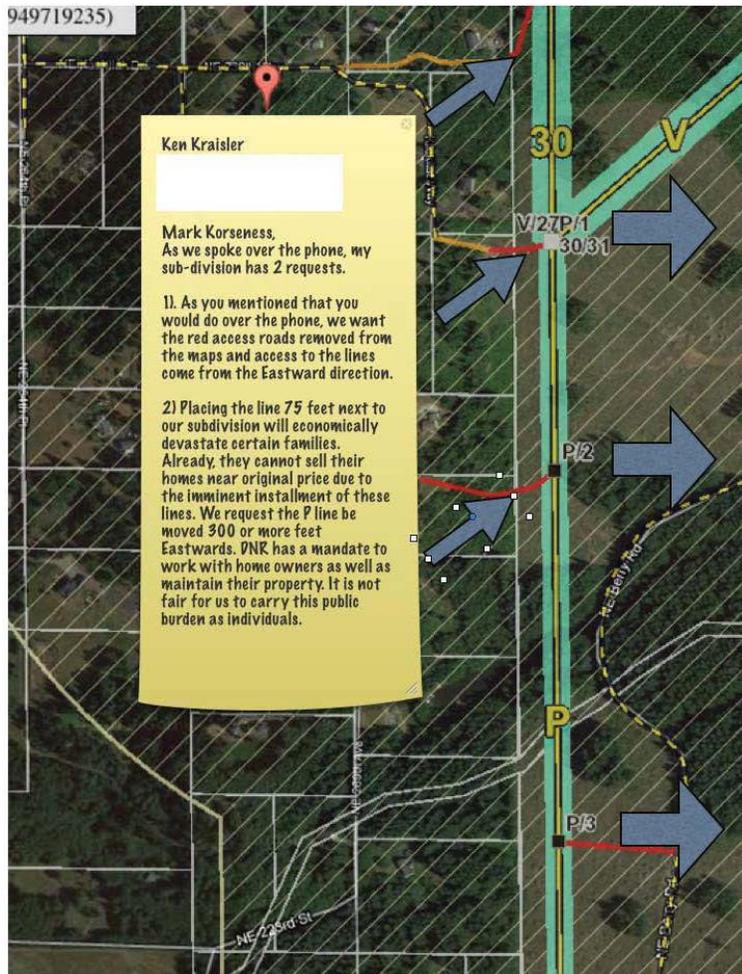
Ken Kraisler

Mark Korseness,
As we spoke over the phone, my sub-division has 2 requests.

14140-1 | 1). As you mentioned that you would do over the phone, we want the red access roads removed from the maps and access to the lines come from the Eastward direction.

14140-2 | 2) Placing the line 75 feet next to our subdivision will economically devastate certain families. Already, they
14140-3 cannot sell their homes near original price due to the imminent installment of these lines. We request the P line
14140-4 be moved 300 or more feet Eastwards. DNR has a mandate to work with home owners as well as maintain their
14140-5 property. It is not fair for us to carry this public burden as individuals.

-Ken
Kraisler



- 14040-1 Please see the response to Comment 14119-2.
- 14040-2 Published studies referenced in Section 11.2.2.5, Property Values, show direct impacts to property values from high voltage electrical transmission lines on average can range from slightly more than -0 percent to as high as -6 percent. BPA's studies have historically identified an overall average range from slightly more than -0 percent to almost -2.5 percent. A recently published BPA study in the Seattle area (also summarized in Section 11.2.2.5) was able to isolate higher valued homes (near \$1,000,000) that exhibited an average direct impact of approximately -11.5 percent. Aside from higher valued homes, typically priced homes in the area impacted by this project, according to BPA studies, should realize a slight reduction in value of no less than -1 percent and no more than -1.75 percent as the project's influence stabilizes in the market.
- 14040-3 Please see the response to Comment 14097-1.
- 14040-4 Comment noted.
- 14040-5 Comment noted.

From: Cheryl Brantley
Sent: Sunday, November 18, 2012 10:41 AM
To: Grow, Luanna J (BPA) - DKE-7
Cc: Korsness, Mark A (BPA) - TEP-TPP-3; Jim Luce; ; Steve Stuart
Subject: RE: Printed copy of full EIS document

14141

Luanna,

14141-1

For now, a copy of the full DEIS on CD would be appreciated. We need that information for the impacted landowners we work with. As your project team knows, over the course of the past 3 years our board has worked with thousands of landowners. To not consider sending us the full copy of the Draft EIS immediately upon release is very disturbing and disappointing.

Also, I am requesting several hard copies of the first project map printed September 24, 2009.

I am willing to go to the BPA headquarters in Vancouver to pick these up. Please let me know when they are ready. Thank you for your assistance.

Cheryl Brantley

From: Cheryl Brantley
Sent: Monday, November 19, 2012 10:01 AM
To: Grow, Luanna J (BPA) - DKE-7
Cc: Korsness, Mark A (BPA) - TEP-TPP-3; Jim Luce; ; Steve Stuart
Subject: RE: Printed copy of full EIS document

14142

14142-1

I'm confused. It says in the "Project Update" 4-page brochure on page 2, under the heading "Printed Copy of Summary" "An 80-page summary is part of the draft EIS and available on the CD, our website, and at outreach events during the draft EIS comment period."

I don't see a summary page listed in the CD so I was taking it for what it said on the brochure that we only received an 80-page summary on the CD.

The only place in this brochure that says you can receive a full copy of the draft EIS is under the heading "Printed copy of full document." This is why I'm requesting the full version in hard copy and CD.

- 14141-1 BPA provided the commenter the materials she requested.
- 14142-1 BPA provided the commenter with a CD and hard copy of the EIS, which includes the summary.

Dole Valley, Washington, on Rock Creek
November 15, 2012

I am appalled and ashamed that mega transmission lines of the “I-5 Corridor Reinforcement Project” are still being considered.

14144-1 My husband and I walked through seven states of the Appalachian Trail in 2009. We were shocked and severely disappointed to realize that the AT continually criss-crosses huge, noisy (always sounding like swarms of humming locusts), herbicide-drenched swaths of power-line right-of-ways that were once pristine Appalachian landscapes. **It was tragic.** Why would we wish the same for the Columbia River Gorge Scenic Byway or the Lewis and Clark Trail?

14144-2 Having traveled to every state in the US and to five continents, I have seen and considered various energy alternatives. I'm excited by technology presented on TED talks. Why aren't people of California and the Southwest required to find their own ways to air-condition their homes? They have solar power as a resource! Roof-top collectors should be required on all homes with AC. Why should tracts of forest be cut prematurely and wildlife habitat be fragmented just to enable transmission of power to irresponsible consumers?

As far as local air conditioning “needs”, why are we assuming extravagance to be the norm? Why aren't alternatives to traditional home AC systems being considered? Vegetation cools buildings. Insulation and innovative construction cool buildings. Engineers are coming up with solar-powered, between-glass structures that cool homes and office-buildings. Welcome to the 21st century! I never intend to have AC in my home. Extravagance is irresponsible.

14144-3 Formerly, I expressed my opinion that the West alternative was the only reasonable choice for the “I-5 Project.” BPA already owns the right-of-way easements and has already negatively impacted that environment, where land-owners are past the shock of living with an atrocity in their backyards. But now, I consider the “**No Action Alternative**” to be the only responsible choice. Let's work on reducing power consumption from the grid and protecting our beautiful landscapes.

14144-4 Take a hike up on Silver Star. Gaze around, and then imagine a power-line right-of-way blasting through stands of trees covering hills and valleys. Imagine the streams
14144-5 and riverbanks stripped of cooling vegetation where the lines cross them. I have
14144-6 been proud of the state of Washington for agricultural and forestry regulations protecting the environment. Why would we compromise now and forsake our plant

14144-1 Comment noted.

14144-2 Chapter 1, Purpose of and Need for Action, describes the need for the proposed project. Section 4.7.1, Non-Wires Alternative, describes the screening study completed that considered energy efficiency measures to meet the need. Based on the numbers from the report, the impact from energy efficiency measures is small and would not meet the need for the project.

Energy efficiency measures are being implemented through the Northwest Power and Conservation Council's power plan. The NWPCC was formed by the Northwest states in 1981 in accordance with the Pacific Northwest Electric Power Planning and Conservation Act of 1980 (Act). The Act charges the NWPCC with creating a regional power plan to ensure an adequate, efficient, economical, and reliable power supply for the Pacific Northwest region. The NWPCC's power plan is developed through an open, public process involving the region's citizens and businesses in decisions about the future aspects of the Pacific Northwest environment and economy. The power plan develops a strategy for the region to meet its future electricity needs by a combination of improved efficiency and generating resources, that minimizes the cost of the energy system. The NWPCC works with BPA, investor owned utilities, and publicly owned utilities to develop its power plan including conservation objectives.

BPA plans the transmission system for future projects with the support of local utilities that provide their expected aggregate demand and resource plans, which should include their improved efficiency and resource portfolio. The utilities' effort to incorporate distributed generation and increased efficiencies, such as solar panel systems and improved insulation, are taken into consideration as part of the load forecast used in the planning process.

Through the Northwest region's conservation efforts, BPA and the electric utilities in the four Northwest states have achieved 3,700 average megawatts of energy savings through energy efficiency in the last 30 years. This is enough energy to power all of Idaho and western Montana. The NWPCC, BPA, and regional utilities are designing programs to capture over 5,000 aMW of energy efficiency in the next 20 years.

14144-3 Comment noted.

14144-4 The potential for the project to affect visual resources is described in Chapter 7, Visual Resources, and Appendix E. The East Alternative would be visible from Silver Star. For the Central Alternative, the line would be about 8 miles away and would not be visible. Through project design and mitigation measures, BPA has worked to minimize impacts to visual resources for the action alternatives. Mitigation measures are provided in Chapter 3, Project Components and Construction, Operation, and Maintenance Activities; Chapter 7; and Appendix E.

14144-6 | and animal wildlife?

14144-7 | If it's about creating power-line-construction jobs in the area, think again. Jobs cannot be worth the price our environment is asked to pay. Public transportation projects (for one idea) are a better use for federal money, reducing the amount of gasoline and diesel burned. Let's brainstorm ideas for jobs that don't involve trashing our landscapes.

14144-8 | I do appreciate the way BPA has asked for landowner/citizen input. I spent last year in China, where the government makes decisions to build roads or dams that flood whole villages, destroy ancient artifacts, wipe out beautiful farmsteads, and ravage the environment, certainly without asking for public opinion. I appreciate not living in communist China at a time like this. Do continue to consider what concerned citizens are saying!

14144-9 | I feel like Dr. Seuss's *Lorax*, speaking for trees and turtles, birds and bears, deer and dragonflies, salmon and steelhead, wetlands and waterways. So many species are affected by BPA's proposed power lines. I am stunned at the environmental price some seem willing to pay...for profit. The human species needs to get beyond selfish destruction of our planet.

14144-10

Worried about the future of beautiful Southwest Washington,

Paula (Larwick) Overholtzer *Paula Overholtzer*

phone: -----

e-mail:

- 14144-5 Section 15.2.1, Construction, describes vegetation removal proposed where the transmission line right-of-way, substations, and new access roads would be constructed along fish-bearing streams. Vegetation removal would not occur or would be minimal at many crossings that do not have trees or important buffers. Section 15.2.8, Recommended Mitigation Measures, lists mitigation measures that could be implemented to minimize impacts to streams and riparian areas.
- 14144-6 Chapter 28, Consistency with State Substantive Standards, describes the project's consistency with state substantive standards. Unlike agricultural and logging practices, high-voltage transmission lines require vegetation be removed to meet standards that allow safe and reliable operation of the line and transmission system (described in Chapter 3, Project Components and Construction, Operation, and Maintenance Activities, and Chapter 10, Public Health and Safety). BPA is committed to planning its transmission line projects to be consistent or compatible, to the extent practicable, with state plans and programs, as well as any substantive standards that these plans and programs may contain. To work towards this goal, BPA typically provides project information relevant to state permitting processes to state entities with a potential interest in the project. In designing and carrying out its proposed projects, BPA also strives to meet or exceed the substantive standards and policies of state regulations. Mitigation measures have been identified in Chapters 3, 10, 16, Wetlands, 17, Vegetation, and 18, Wildlife, to further reduce or eliminate adverse impacts to vegetation and wildlife.
- 14144-7 Chapter 1 describes the purpose and need for the project. Though, if built, the project would create construction jobs, these would be temporary jobs and are not the reason BPA has proposed this project.
- 14144-8 Comment noted.
- 14144-9 Table 3-2 identifies mitigation measures included as part of the project. Chapters 5-22 identify additional mitigation measures that could further reduce or eliminate adverse impacts to environmental resources.
- 14144-10 Comment noted.

BPA I-5 Corridor Reinforcement Project Voicemail**Received 11/20/2012 12:28 p.m.**

14145-1 Yes this is Ted Hostetter residing at . I received your last preferred route the other day. It looks like it's really close to us. And I know you surveyed the area a few years back. The point I'm asking here is one of the there's a gas line of course going in this area about 1,000 feet from me and I was wondering if this route is on the west side of it going across Ostrander Creek or the east side of that north south gas line. I would like to know that and if it's touching , yeah my address, my property. I have about 16 acres here. Very nice property. So I need to know I don't know what that will do for me but I'd like to know where this is. Where your route is exactly. If you could give me a call I'd appreciate it. It's or . Thank you.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/20/2012 12:55 p.m.**

14146-1 Hi this is Jane Schumacher. I was going through the packet that you had sent us and it looks like where this project update going to run is going to be through two of our tree farms. I was questioning on what happens as far as usage of the tree farm since we won't be able to grow trees. If you could contact me,
 14146-2 I'm at work today it's my number is . Thanks and have a good day.

- 14145-1 BPA spoke with the commenter and determined that his property is not on the Preferred Alternative. BPA also sent him two maps showing his property in relation to the action alternatives.
- 14146-1 Section 5.2.2.2, Operation and Maintenance, describes the potential impacts to timberland from the project. BPA generally has vegetation height restrictions of 4 feet on rights-of-way. Tall-growing vegetation would not be allowed within the right-of-way. Trees would be allowed to grow outside the right-of-way as long as they were not considered danger trees.
- 14146-2 BPA contacted the commenter and explained the environmental review process and offered a site visit by project staff.

14148

MILLS FAMILY LLC, JOHN A MILLS

11/20/2012

Comment:

High Voltage Transmission Lines and Montana Real Estate Values, Final Report, January 12, 2012, James Chalmers & Assoc.

Chapter 10: Summary and Conclusions

10.1 Overview

This study represents the first systematic, empirically based attempt to understand the impact of high voltage transmission lines on real estate values across Montana. As discussed in Chapter 1, research on this topic is extensive, but heavily concentrated on improved residential properties in urbanized areas on the Atlantic and Pacific coasts. There are a few studies that address effects on unimproved rural properties but none of these begin to deal with the diversity of both use and terrain that characterize the Northern Rocky Mountains / Intermountain West. In response to this gap in our knowledge and the increased relevance of energy development and electric power transmission in this region, NorthWestern Energy contracted with Chalmers & Associates, LLC in the spring of 2010 to carry out the work described in this report.

14148-1

The approach followed in the study took advantage of the fact that there were over 585 miles of existing 500kV HVTL stretching across the State of Montana that had been in place for 30 or more years*. This meant that numerous real estate sales had occurred near or adjacent to the lines that could be studied to determine their effect on real estate value. The basic procedure was to use standard appraisal methodologies to compare sales close to the lines with the sales of otherwise similar properties removed from any influence of the lines.

We began by identifying all parcels that were within 500 feet of the estimated centerline of the 500kV transmission lines running from the Colstrip Power Plants in Rosebud County to the Taft substation in Mineral County. These parcels were then grouped to the extent that they were in common ownership and the chain of title of the ownership was researched to identify what appeared to be "arms-length" transactions that had occurred in the year 2000 or later. This

resulted in identification of a total of 74 transactions and these became the focus of our work. They represented the universe of transactions that had occurred in the past ten years either crossed by, adjacent to, or in close proximity, to the 500kV lines.

The two big exceptions to the procedure outlined above are the Aspen Valley Ranches (AVR) subdivision and residential subdivisions in Sanders County. In both cases, in order to understand the history of lot sales in the subdivision, it was necessary to go back to the original sales by the developer which extended the timeframe of our analysis in some cases as far back as the 1970's. The lots encumbered by,

- 14148-1 Thank you for submitting this information. The conclusions of an article authored by Dr. Chalmers "High-voltage Transmission Lines and Rural, Western Real Estate Values," which summarizes the results of his research and the attached, are referenced in Section 11.2.2.5, Property Values.

and adjacent to, the HVTL in Aspen Valley Ranches as well as the seven subdivisions identified in Sanders County add significantly to the universe of sales that defines the full set of transactions studied.

* The mileage from Colstrip to the Taft substation on the western edge of the State is 588.5 miles. We also studied the additional 53.8 miles of line that doubles back to the east from Taft to Hot Springs.

These sales represented a broad range of property types occurring across the state from the eastern plains to the east and west slopes of the Rocky Mountains. A central lesson drawn from our work is that each of these property types has a unique set of users with their own criteria by which real estate is evaluated with all of its attendant positive and negative attributes. It follows that these unique perspectives are critical to the way in which transmission lines are evaluated in the market and the effects of the lines can only be sensibly discussed in this context.

Our research proceeded from east to west studying each identified transaction. At the conclusion of our work, it was possible to group the transactions studied into one of seven property types:

1. Production Agricultural Lands
2. Agricultural Lands with Recreational Influence
3. Agricultural Lands with High Amenity Recreation & Natural Features
4. Rural Residential Subdivision – Lot size less than 5 acres
5. Rural Residential Subdivision – Lot size 5 or more acres
6. Large Acreage Rural Residential Tracts
7. Rural Recreational Tracts/Cabin Sites

The analyses of individual transactions resulted in one of three outcomes:

- There were sufficient data obtained to prepare a Sale Analysis Report.
- There were not enough data obtained to do a Sale Analysis Report, but interviews were obtained and there is an Interview Summary Report.
- There is no report due to an inability to contact any of the persons involved in the transaction, because no verifiable sales price was available, or in the course of the research it was determined that the transaction did not meet the “arms-length” criteria.

In addition to the reports on individual transactions, seven subdivision reports on Sanders County developments were completed as well as the report on the Aspen Valley Ranches subdivision in Jefferson County. The results are summarized by property type in the following sections.

10.2 Summary of Results by Property Type

- Production Agricultural Lands: No evidence of price effects.

14148-1

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14148-1

-Agricultural Lands with Recreational Influence: No evidence of price effects for the four transactions studied here. Effects are more likely the smaller the property and the larger the recreational influence.

-Agricultural Lands with High Amenity Recreation & Natural Features: No evidence of price effects on the transactions studied. Probability of effects is low because the properties tend to be very large and have unique combinations of natural features and amenities that make them scarce with few substitutes.

-Rural Residential Subdivisions – Lot size less than 5 acres: Three of the four Sanders County subdivisions showed price effects and two of the four had absorption effects. Probability of effects on these properties is high because use is purely residential, properties are small and there are substitutes available which are very similar except for their proximity to the transmission lines. Rural Residential Subdivisions – Lots 5 Acres or More: Similar results to the smaller lot subdivisions. Two out of three Sanders County subdivisions and Aspen Valley Ranches in Jefferson County showed price effects.

Brown's Estates in Sanders County also had absorption effects and lots in one of the Missoula County subdivisions had both price and absorption effects. These properties become increasingly vulnerable to effects the more constrained the building site opportunities and the more comparable substitutes not affected by transmission lines are available.

-Large Acreage Rural Residential Tracts: None of the four sales researched here showed either price or absorption effects. In general, these properties are less vulnerable to transmission line effects than residential subdivisions because they are larger (thus offering more flexibility in building site location), there is more diversification of use from pure residential, and these properties tend to have their own individual character and combination of attributes with no immediate supply of comparable substitutes unaffected

by transmission lines.

-Rural Recreational Tracts / Cabin Sites: In 12 of 14 transactions studied there was no evidence of transmission line impact. In the remaining two cases, real estate brokers, suggested effects but they were not supported with market data. In general, buyer criteria for these properties are less sensitive to transmission line impacts than those for residential subdivisions and rural residential tracts, as the recreational use of the properties is less impacted by the HVTL than the residential use, which may be seasonal or part time.

10.3 Overall Conclusions from the Analysis by Property Type

This report summarizes findings from analysis of 74 individual transactions plus the analysis of 156 lots at Aspen Valley Ranches and seven residential subdivisions in Sanders County. The properties studied stretch over 585 miles of Montana countryside and represent a wide range of terrain, character and land use. When trying to generalize about the considerations that stand out when considering the potential effect of HVTL on these properties, three issues are dominant.

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Use – the more heavily oriented the property to residential use, the more vulnerable it is to transmission line impact. Properties oriented more toward recreational use are much less vulnerable and properties in pure agricultural use generally show no price effects from the transmission lines whatsoever.

Size – the larger the property, the less vulnerable it is to transmission line impact. Larger properties have a greater likelihood that the location of the lines will not interfere with the intended uses of the property or, if they do interfere, that there are siting alternatives that can mitigate the consequences.

Substitutes – the availability of otherwise comparable substitutes is a third key factor increasing the vulnerability of a property to transmission line effects. If there are alternative properties very similar to the subject except for the transmission line, there can be significant price and absorption effects. On the other hand, if the property is relatively unique and the transmission lines are but one of several differentiating factors, the property is less vulnerable to price and absorption effects.

10.4 Most Surprising Results

14148-1

As summarized in Chapter 1, there has been extensive research on the effects of high voltage transmission lines on improved residential properties. The locations and development patterns in the areas studied are, however, so different from the rural west that one was reluctant to claim much applicability for their conclusions. In particular, people wondered how the “recreational” influence on agricultural lands and residential properties would influence their vulnerability to transmission line effects. The suspicion was that this would increase their sensitivity.

Surprisingly, this seems not to be the case. Moving from Residential Subdivisions to Large Acreage Rural Residential Tracts and Rural Recreational Tracts, three significant things change. First, the range of uses is broadening, the properties are getting larger and the properties tend to have their own unique combination of attributes, i.e. there are fewer close substitutes. Whenever the intended use of the property goes beyond pure residential, additional property attributes become relevant which can outweigh the influence of the transmission lines, e.g. availability of horse pasture, improved access to hunting or fishing, adjacency to open space and public lands, considerations specific to individual watersheds or viewsheds, etc.

Second, the properties are typically getting larger which reduces the extent of influence of the transmission lines. Finally, the transmission lines become one of many differentiating factors as opposed to the dominant differentiating factor as is the case in some residential subdivisions.

In the case of agricultural lands, the situation is a little different; but again, the effects of increasing recreational influence are not what might be expected. In this case, the starting point is production agricultural property whose value is unaffected by the lines. With modest levels of recreational influence there is some speculative interest beyond agricultural use that may be

influenced by the transmission lines, but the basic agricultural characteristics of the property continue to dominate which are indifferent to the lines. As we get to Agricultural Lands with High Amenity

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Recreation and Natural Features, the combination of very large size and the importance of the amenity and natural features reduce the probability that the lines will have a material effect on value.

Part of what may seem surprising or counter-intuitive to many is explained by psychologists as the “framing effect.” When we discuss transmission lines in the abstract as an attribute of property with some recreational use, it will almost universally be a negative factor. But its effect on a transaction (price and marketing time) will depend on the full set of positive and negative

attributes describing a property. As a property transitions from either pure agriculture or pure residential and assumes some recreational use, the number of relevant attributes to the buyer increases which may have the effect of diluting the transmission line effect. This will be reinforced if the average size of the properties is increasing as well.

The second unanticipated result was the relative unimportance of the extent to which a property is encumbered by a transmission line easement. It would appear, for example, in the case of agricultural property that the purchase of the easement can be a windfall benefit to the current owner who will not have to make any discount in sale price for the easement if the property is

sold.

10.5 Caveats

14148-1 There are some important caveats that must be kept in mind in interpreting the results of this study and in applying them to the acquisition of property for new transmission line corridors.

-All of the transactions studied here involved the purchase of property with a transmission line already in place. One of the important conclusions is that as property size increases, the effects of the lines can be more easily mitigated because of flexibility in the siting of improvements. If the improvements are already in place and a new corridor is imposed on the property, the landowner’s flexibility in this regard is eliminated.

-This study deals with market response which is an objective measure in the sense that as long as there are enough buyers who aren’t affected by the line, we may conclude that there won’t be an adverse price effect. But that isn’t to say that some buyers aren’t highly sensitive to the line and if their property were to have a line imposed, at a subjective level there would be a significant effect for them even if we felt quite confident that there was no market effect.

Finally, it is worth emphasizing that the conclusions reached here reflect an averaging over multiple transactions and that even over the transactions we studied, there is considerable variation. It is therefore always necessary to be alert to the specifics of an individual situation. The results of this study will provide a useful starting point in many cases, but the specific circumstances of a particular property in a particular market at a particular time will always have to be given careful consideration. There is a broad range of ways in which location, use, topography, land class, vegetative cover, natural features and the transmission lines can combine to determine the overall utility of the property. In some of these combinations the transmission lines may be quite benign, in others they may have a significant adverse effect on the property.

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From: noreply@bpa.gov
Sent: Tuesday, November 20, 2012 4:46 PM
Subject: BPA I5 Comment Submission Confirmation
Attachments: CountiesPop.pdf

Thank you for submitting your comments on the Bonneville Power Administration's draft environmental impact statement (EIS) for the I-5 Corridor Reinforcement Project. All comments submitted between November 13, 2012 and March 1, 2013 (before midnight) will be responded to in the final EIS, which is expected in 2014.

A copy of your information, as submitted using our online form, is included below for your records. If you provided your contact information and submitted a question we can answer at this time, you will receive a response. Your contact information will also be added to our project mailing list. All comments including names will be processed and then posted on BPA's website at www.bpa.gov/goto/i-5

Sincerely,
Bonneville Power Administration

Name: John A Mills
Organization: Mills Family LLC
E-mail:
Phone:
Address:

Group type: Business

Please ADD me to the mailing list.

Comment:

14149-1

Of 478,000 new households and nearly 400,000 new jobs forecast for the 4-county Metro region between 2005 and 2030... Over 60,000 households and 110,000 jobs are expected in south Clark County, representing increases of 49% and 100%, respectively, compared to 2005. North Clark County is forecast to gain over 40,000 households and 8,000 jobs, representing increases of 168% and 61%. (Columbia River Crossing data attached for various scenarios) Ninety percent of all new households in Clark County will locate within Urban Growth Areas (UGAs); 10 percent will locate outside UGAs. (Clark Co. Growth Management Plan)

14149-1 Comment noted.

County FIPS	County Name	Metropolitan Area	Pop Gain 2020-2000	Population in 2020	% Growth 2020-2000	Pop Gain 2000-1980	Population in 2000
41067	Washington	Portland-Vancouver	266,919	715,361	59.5%	200,680	448,442
53011	Clark	Portland-Vancouver	192,723	540,216	55.5%	154,263	347,493
41051	Multnomah	Portland-Vancouver	186,382	847,774	28.2%	97,786	661,392
41005	Clackamas	Portland-Vancouver	134,489	474,065	39.6%	96,719	339,576
41071	Yamhill	Portland-Vancouver	47,808	133,092	56.1%	29,652	85,284
41009	Columbia	Portland-Vancouver	6,400	50,070	14.7%	7,947	43,670

Population by Geographic Unit	Current		2027	
	Population	Students	Population	Students
Clark County	424,200	93,746	560,747	117,724
Buildable Lands by Geographic Unit	Built (in acres)	Now: % of total built	Available (in acres)	Total (in acres)
Clark County	24,329	17.93%	111,373	135,702

Land outside the UGA is not accounted for in the Vacant Buildable Lands Model. Further, land outside the UGA is targeted by the Comp Plan with a 10% maximum build out relative to land within the UGAs (countywide). Sources:

1. Current population and student estimates for Clark County are derived from the Washington State Office of Financial Management (OFM), district and city-UGA estimates, Clark County tax assessment data, and the Ridgefield School District student roster.
2. Buildable lands are determined using the Clark County 2027 Comprehensive Plan and Vacant Buildable Lands Model (VBLM).
3. • Population forecast values are derived MFA's forecast model using OFM and Clark County data.

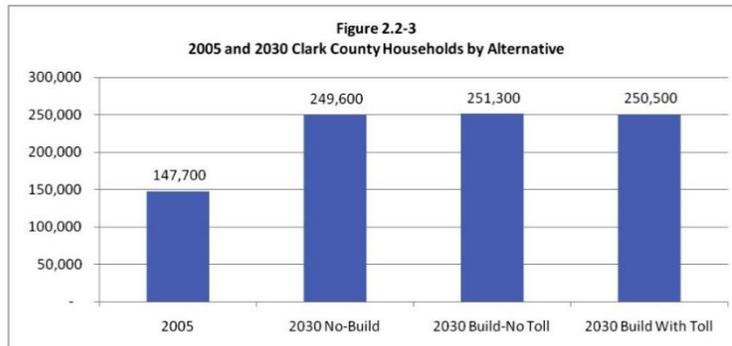
14149-1

From CRC (2005): Between 2005 and 2030, the population of the four-county Vancouver-Portland region is projected to increase by 44 percent, from 1.96 million to 2.82 million.

CRC memo on induced demand: In 1990, the Washington Growth Management Act (GMA) established requirements for counties to plan for and manage growth... A comparison of urban growth area expansions by Metro and Clark County since 2000, shows Metro and Clark County added approximately 21,000 and 16,400 acres respectively. Clark County and the City of Vancouver have planned residential densities of approximately 16 and 20 persons per acre. This compares favorably to Metro's "inner neighborhood" and "outer neighborhood" areas that target 14 and 13 persons per acre, respectively. Metro has other significant goals applied throughout its jurisdiction, tied to designations such as Regional, Town Centers and Main Streets with much higher density targets. The City of Vancouver does have policy and regulations encouraging higher densities in planned subareas, downtown, and along transit corridors that are comparable to the densities anticipated in Metro's Town Centers and Main Streets.

CRC Metroscope: http://www.columbiarivercrossing.org/FileLibrary/TechnicalReports/CRC_Metroscope%20Results_120910.pdf

Page 4: The model forecasts substantial growth in households and employment throughout Clark County and the Metro region between 2005 and 2030, but predicts negligible changes caused by the CRC improvements (see figures 2.2-5 through 2.2-10). Of 478,000 new households and nearly 400,000 new jobs forecast for the 4-county region between 2005 and 2030 under No-Build conditions, over 60,000 households and 110,000 jobs are expected in south Clark County, representing increases of 49% and 100%, respectively, compared to 2005. North Clark County is forecast to gain over 40,000 households and 8,000 jobs, representing increases of 168% and 61%.



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BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/20/2012 2:05 p.m.**

14150-1

This is Mr. Gunther in Cascade Park. My telephone number is . I have all your information but I'm just curious as to why you sent it to me. My home is not impacted by your alternative at all, I'm in a different area of the city. If you'd like to call me back and explain why I got this information, none of my neighbors did. Or was I just a random sample? Thank you!

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/21/2012 9:23 a.m.**

14152-1

Hello can you please call Ruth Pomalock at . My address is . I just received a CD in the mail in November but the envelope that it came in was misplaced. So if somebody could call me and let me know what was in the envelope or resend the information. I have moved, I do have a new address. So if you can please call me back, I can give you my new address. My phone number again is .

14150-1 After talking with the commenter and checking records, BPA determined he or a member of his family had been added to the mailing list after attending a community event in 2012.

14152-1 BPA sent project materials to the commenter at her new address.



14156

STATE OF WASHINGTON

DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION

1063 S. Capitol Way, Suite 106 • Olympia, Washington 98501
Mailing address: PO Box 48343 • Olympia, Washington 98504-8343
(360) 586-3065 • Fax Number (360) 586-3067 • Website: www.dahp.wa.gov

November 20, 2012

Ms. Nancy Wittpenn
Environment, Fish & Wildlife
Bonneville Power Administration
PO Box 3621
Portland, Oregon 97208

Re: I-5 Corridor Reinforcement Project
Log No.: 101509-12-BPA

Dear Ms. Wittpenn;

Thank you for contacting our department. We have reviewed the I-5 Corridor Reinforcement Project Draft Environmental Impact Statement and the proposed Central Alternative Option 1 in Cowlitz and Clark Counties, Washington.

14156-1

We note that Chapter 13 and pages 13-4 plus identifies adverse impacts to cultural resources. Section 106 of National Historic Preservation Act has not yet been completed for this project. We look forward to a robust consultation effort to develop the Memorandum of Agreement for this Project to meet these requirements.

We would appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive as you consult under the requirements of 36CFR800.4(a)(4).

These comments are based on the information available at the time of this review and on the behalf of the State Historic Preservation Officer in conformance with Section 106 of the National Historic Preservation Act and its implementing regulations 36CFR800. Should additional information become available, our assessment may be revised.

14156-2

Thank you for the opportunity to comment and a copy of these comments should be included in subsequent environmental documents. We look forward to further consultations.

Sincerely,

Robert G. Whitlam, Ph.D.
State Archaeologist

email:



DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION

Protect the Past, Shape the Future

1 of 1

- 14156-1 The Draft EIS identified potential impacts to cultural resources in Chapter 13, Cultural Resources. Between the Draft and Final EIS, BPA conducted a pedestrian survey of the project, including shovel test probes. Further testing and evaluation work was done at sites that had the potential to be impacted by the project. Chapter 13 has been updated with the survey information. BPA intends to continue its consultation with your office and the Tribes, including developing a Memorandum of Agreement. BPA will prepare and sign a Programmatic Agreement for this project prior to the issuing of a Record of Decision. BPA will send any correspondence or comments from concerned Tribes to your office.
- 14156-2 All comments received by BPA on the Draft EIS are included in the Final EIS.

14157

ROGER B NEILSON

11/21/2012

- 14157-1 | Good choice by going with minimizing overall residential impact. What steps will be possible to conceal
 14157-2 | the presence of the power lines, and thus hopefully reduce the detrimental effect on property values
 14157-2 | where the lines pass?

14158

STEVEN E HAMBLETON

11/24/2012

- 14158-1 | why don't you do your preferred route map using google earth so people have a REAL sense of who is
 14158-1 | being affected and who is not. just an idea from a complete MORON that TRULY believes your not hiding
 14158-1 | anything from ANYBODY.

From: Andrea Pirrone**Sent:** Sunday, November 25, 2012 7:25 PM

14159

To:**Cc:** BPA I-5 Corridor Reinforcement Project**Subject:** I will be impacted...Thank You For Caring!

Greetings;

- 14159-1 | I'm not sure what impacts my property at this time. I have written many letters to BPA, asking for
 14159-2 | specific information and never received a reply. I think they want all of my property and my home. I
 14159-2 | am within the lines boundaries on line "V". (200' on the east side and 300' on the west side). I have
 14159-3 | lived here for over 18 years, raised my family...this is my home...it would ruin our family plans and
 14159-3 | future. I believe BPA is more concerned with pleasing large companies and large land owners than
 14159-3 | doing the correct process.

My address is:

I am on BPA line "V".

Home phone:

Cell phone:

Thank You,

Andrea Pirrone

- 14157-1 Comment noted.
- 14157-2 Mitigation measures identified in Chapters 3, Project Components and Construction, Operation, and Maintenance Activities, and 7, Visual Resources, can help reduce visual clutter and minimize visual intrusion of a new line. The appraisal process BPA uses to obtain easements and purchase property in fee takes all factors affecting value into consideration, including the impact of transmission lines on property values.
- 14157-3 BPA contacted the commenter and referred him to the interactive map on the project website. The commenter was able to locate his property and the Preferred Alternative.
- 14159-1 BPA has a record of three communications from the commenter to BPA. In response, BPA originally sent an e-mail and left a voicemail message about how to access information on the project website. After receiving this comment, BPA e-mailed the commenter a map of her property.
- 14159-2 BPA provided a map of the property to the commenter. Segment V, which is part of the Preferred Alternative, is about 1,100 feet west of the address.
- 14159-3 Section 11.2, Environmental Consequences, describes the potential effects of the project on those living and working in the area.

BPA recognizes that all action alternatives studied in the EIS would affect someone's property. BPA has identified a Preferred Alternative that we think best balances the purpose and need for the project and the impact it could have on the human and natural environments.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/26/2012 8:30 a.m.**

This is Lisa Lanzini. My phone number is _____, an alternate number is _____.

I'm reading your article in the Reflector, Nov. 21, that just came in our mailboxes yesterday.

It's a little hard to interpret this preferred route, but the main thing is, it looks like it approaches headwaters of Salmon Creek which originate in a basin called the High Valley formed during the glacial recession, in which artesian springs exist all over the place that pump up to 140 gallons a minute and would likely provide our counties emergency water supply. So as long as that gray, central, preferred line, whatever that is, goes on the east side of Silver Star Mountain, it would not affect our county's emergency watershed. Or, I suppose, if all the lines were underground. But, pumping any herbicides annually to keep the brush down a 550-foot wide swath as they're saying here, would not be feasible at all regardless of the length which is on the Bureau of Land Management tracking project which is a federal threatened species. And it has been linked to this area since years ago, at least three to four years ago.

Many neighbors from Woodland to here have been reporting it. It's the water supply, and you can check with the county water department. If you go to the people who provide the-- I would like a call back on this though please, and who to speak to and what the best time is to reach you, I would appreciate. If you call the county department that issues maps of where your septic systems are, there's a guy, I have to look up his name, I think it's Jim. He worked when they were considering damming this area because it made the most sense, but it was already too populated in the 60s because it generates so much water. And the High Valley is formed by Thin Hill, Little Elk Horn Mt, Elk Horn Mt., Spotted Deer Mt., probably Silver Star. To the north then, there would be Bells Mt. and at some point during glacial prehistoric history, there was a PhD geologist out here a couple decades ago. The basin cracked open and all the headwaters of Salmon Creek were formed which come together just below the Venersberg Store. So anything that would drain into this basin would jeopardize our county's ability to provide water when that offshore plate tectonic shift occurs, where the scenario is projected by the emergency responders to send a wave up the river (Columbia), breaking the Bonneville Dam and damaging subsequent dams. And I guess these emergency responders meet every few months. The HAM radio people, the EMTs.

14160-1

So you might want to check with them, and with the water guy if you want to verify the voracity of this. My neighbors up the road, I know pump 140 gallons a minute. And the road people up here, they can't even cut 3 or 4 inches too deep without popping an artesian spring, which they did at the north end of 212th Ave where it bends west and becomes Battle Ground Main St. It took them days to plug that one up. And there is one at the bottom of my driveway, too. Putting herbicides here would definitely damage all the wells and the ground water and the people if you were on this side of Silver Star and it was draining into the basin.

And apparently there was an ink study done to determine where our water comes from. It comes all the way from Mt. Adams. It was some kind of blue dye they put in and one of the old timers at my church lived here and he said when all their well water started coming up with that dye, they were able to ascertain just where the water was coming from for certain. That's something to consider if there are going to be any herbicides used to keep that path clear. Of course, if they are going to cut it all by hand every year, which I would think would be too expensive, or with bulldozers, that would be a different story. But, any toxic chemicals in the ground water, which is just inches deep, it's right by the surface, would jeopardize our county's emergency water supply and all the wells out here. But if the people in town can't get water, there is enough water up here to get water to everybody south of us. I just wanted you to know that.

I have been reporting it to different agencies, but I don't know that the correct people have gotten word of it, so hopefully you're one of those people. Thanks! Have a happy Thanksgiving.

14160-1 Section 15.2.2.2, Operation and Maintenance, discusses the potential impacts of the operation and maintenance activities that would be conducted along the transmission line, including vegetation control. BPA would use a variety of vegetation control methods through its Vegetation Management Program, including manual methods (hand-pulling, clippers, chainsaws), mechanical methods (roller-choppers, brush-hogs), biological methods (insects or fungus for attacking noxious weeds), and use of EPA-approved herbicides. All herbicides sold and distributed in the U.S. must be registered with EPA. This means EPA must conclude that they can be used without posing unreasonable risks to people or the environment, based on scientific evidence. BPA uses herbicides as approved in its Transmission System Vegetation Management Program Record of Decision (BPA 2000b). BPA may adopt new herbicides, and if so, would review the effectiveness and the potential environmental impacts, which would include appropriate consultations with regulatory agencies. BPA bases selection of herbicides on the toxicity level, proximity to aquatic habitat, and delivery potential. BPA would use only those herbicides that are identified as “practically non-toxic” to “slightly toxic” near water environments. Any adverse changes would be temporary and localized; a no-to-low impact. Mitigation measures, as discussed in Section 15.2.8, Recommended Mitigation Measures, include minimizing herbicide and pesticide application, and the use of physical methods of vegetation control when feasible. Additional mitigation measures may include evaluating and considering use of other herbicides or application methods at the request of property owners, if necessary. BPA would maintain a 164-foot no-spray buffer around well head locations.

-----Original Message-----

From: Edwina Hambleton

14161

Sent: Saturday, November 24, 2012 3:57 PM

To: BPA I-5 Corridor Reinforcement Project

Subject: Your web contact site and online map (suck)

14161-1 | contact us (ya right). Use google earth so us MORONS that TRULY BELIEVE what your NOT hiding
can see exactly where your lines are going to be going through. can anyone say transparency?
your online map and "contact us" are a f-ing joke

steve hambleton

no more mister nice guy (tried that)

From: Don Randolph

Sent: Monday, November 26, 2012 1:59 PM

To: BPA I-5 Corridor Reinforcement Project

Subject: I-5 Corridor Reinforcement Project

14162-1 | I applaude your decision to use the Central Route for the I-5 Corridor project.
Routing to avoid impact to wildlife, wetlands, and private citizens is the way to go.

Kelli Randolph

14161-1 Please see the response to Comment 14158-1.

14162-1 Comment noted.

From: Cliff Aaby
Sent: Monday, November 26, 2012 8:52 AM
To: BPA I-5 Corridor Reinforcement Project
Subject: A smart choice

14163

Dear BPA,

14163-1 | For those of us affected by this project, thank you. Your recent communications suggest that Central Op-1 is neither the cheapest, easiest, or the remotest alternative but does represent the best compromise. It seems most the press and even the city of Camas agree. In looking through all the available information I also feel you made the best, possible conditions given ever-growing power needs in the north and generation facilities in the south: something had to change.

Please consider this a 'yes' vote for your choice and thanks again for making us part of the process.

Cliff Aaby

From: Cheryl Brantley
Sent: Sunday, November 25, 2012 10:57 AM
To: Grow, Luanna J (BPA) - DKE-7
Subject: upcoming BPA meetings throughout the communities

14164

14164-1 | The board of a Better Way for BPA is requesting that a table is provided for our group at each of your upcoming planned meetings.

Thank you,

Cheryl Brantley
A Better Way for BPA

Page 1 of 1

14163-1 Comment noted.

14164-1 BPA provided space for the commenter at each Draft EIS public meeting in January and February, 2013.

From: Cheryl Brantley
Sent: Sunday, November 25, 2012 11:15 AM
To: Grow, Luanna J (BPA) - DKE-7
Subject: requested information

14165

14165-1

The board of A Better Way for BPA is requesting:

- 50 copies of the map for this project printed Sept 24, 2009.
- 50 copies of the map of this project printed September 14, 2009, which includes the Oregon options.
- 10 copies of the Draft EIS summary.
- One copy of the entire Draft EIS, in total.
- Large 4 x 4 geographical map of the entire Central Alternative showing city and county borders, rivers, streams, road names, topography, landowner parcels and proposed new access roads.

We need these ASAP and will come pick these up at your Vancouver office if we can get them before Thursday, November 29th.

14165

Thank you,

Cheryl Brantley
 A Better Way for BPA

Page 2 of 2

From: Cheryl Brantley
Sent: Sunday, November 25, 2012 11:32 AM
To: Grow, Luanna J (BPA) - DKE-7
Subject: cost of project questions

14166

14166-1

The cost of the Central Alternative was the most expensive Alternative in the "Data by Alternative" information BPA published 11/29/2011 at 407 million.
 Now BPA has publically stated that the cost of the Central Alternative will be 459 million.

1. How did BPA come about publicizing that the Central Alternative is "**not the least-cost, nor the highest-cost alternative**" when by your own documentation it is the the most costly alternative?
2. Where is the data proving this statement to be true?
3. Which Alternatives did you include to make this statement?

Thank you,

Cheryl Brantley
 A Better Way for BPA

Page 1 of 1

- 14165-1 BPA provided the commenter with the requested materials as they became available.
- 14166-1 Chapter 4, Proposed Action and Alternatives, had the latest cost information available for the action alternatives when the Draft EIS was published. The cost estimate for the Central Alternative has been updated in the Final EIS using more detailed project information and 2015 dollars.

Though it is neither the least expensive alternative nor the easiest to construct, the Preferred Alternative provides a way forward that would limit project impacts and disruptions across a broad array of communities and neighbors, manages costs to ratepayers, and achieves the goal of preserving transmission system reliability for everyone in the I-5 area in the future.

The selection of alternatives for consideration in the EIS, including the Preferred Alternative, included the need to balance many factors, such as managing costs for regional ratepayers, BPA's role as responsible environmental stewards, and meeting the goal of operating a reliable transmission system. BPA considered many factors when identifying its Preferred Alternative. Please see BPA's issue brief at: <http://www.bpa.gov/Projects/Projects/I-5/Documents/BPA-I-5-Issue-Brief-Preferred-Alternative-Nov2012.pdf>.

Cost information for the Central Alternative has been updated in the Final EIS.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/27/2012 10:32 a.m.**

14167-1 This is JJ Graybill and I need to see if I can get someone to return a call to me. I'm just curious as to where the lines are going to run when you come across from Troutdale to the Camas Washougal area. We've got a store there. It's a gas pumping station at [REDACTED]. And I need to find out how far away from the existing line the ones are planned on going and how close you can get to a gas pumping station-if that has any impact at all. I need, they're asking us to do some remodeling to the place. And if it's going to be something where we can't operate when you guys get your lines across then I really need that information. So I would appreciate you calling back or having a representative call me. It's [REDACTED]. Thanks so much. At least maybe someone call me and give me the name of a contact. Thank you. Bye.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/27/2012 12:42 p.m.**

14168-1 Hi I had some questions on this reinforcement thing. My address is [REDACTED]. I actually live, my property is adjacent to the existing power line along Etna Road. I see that all my property, my house, is in the notification border. I just have some concerns to find out is there a possibility that my property maybe, you know, determined to be condemned, you know, us having to move out and that kind of thing. I just want to know, is that a possibility? What other implications it might have specifically for our property. My number is [REDACTED]. That's my cell number. You can usually get me on that most times during the day. If you could call and even if you leave a message but. I just have some concerns about that. I might want to talk to someone more about it or even, you know, attend one of these meetings or something. So thank you, bye.

- 14167-1 BPA provided the commenter with a map of her property, which is east of Segment 52. The project would have no impact on her property.
- 14168-1 This property is on Segment 25, which is not a part of the Preferred Alternative. If BPA decides to build the project and chooses the West Alternative, a new line would be built on existing right-of-way on Segment 25. The commenter's property would not be condemned and BPA would not require the commenter to move.

14170

DENISE MASON

11/27/2012

14170-1

I am concerned that the proposed route map you sent/posted doesn't have streets or specific locations on it and therefore I can't tell how close it actually is to my property. Is there a way for you to be more specific and/or overlay your map with a street map? I'd like to know EXACTLY how close these towers would be to my property. Thank you!

- 14170-1 BPA sent a map of the commenter's property to the commenter, included information about how far the property is from the Preferred Alternative, and how to access the interactive map on the project website.

From: noreply@bpa.gov
Sent: Monday, November 26, 2012 2:39 PM
Subject: BPA I5 Comment Submission Confirmation
Attachments: Mills Family LLC-p1.pdf

Thank you for submitting your comments on the Bonneville Power Administration's draft environmental impact statement (EIS) for the I-5 Corridor Reinforcement Project. All comments submitted between November 13, 2012 and March 1, 2013 (before midnight) will be responded to in the final EIS, which is expected in 2014.

A copy of your information, as submitted using our online form, is included below for your records. If you provided your contact information and submitted a question we can answer at this time, you will receive a response. Your contact information will also be added to our project mailing list. All comments including names will be processed and then posted on BPA's website at www.bpa.gov/goto/i-5

Sincerely,
Bonneville Power Administration

Name: John A Mills
Organization: Mills Family LLC
E-mail:
Phone:
Address:

Group type: Business

Please ADD me to the mailing list.

Comment:
RESUBMITTED with revisions in two parts. Didn't receive email confirmation of 11/20 comments.

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MILLS FAMILY LLC
114 NE LEADBETTER RD
CAMAS, WA 98607-9715

Re-Submitted: Monday, November 26, 2012

RE: Comments on Draft Environmental Impact Statement for I-5 Reinforcement Project (BPA)

- 14171-1 **Summary: *Opposed to West alternative; DEIS is inadequate without consideration of future development within 500 feet of 500 kV power lines as projected in the Growth Management Plans adopted in 2007 by Clark County and its cities – and final EIS must include analysis of population and employment forecasts within the affected Urban Growth Areas (UGAs).***
- 14171-2 The Mills Family LLC endorses BPA's decision to select a preferred route for the I-5 Reinforcement Corridor other than the West alternative – steering clear of Segment 50, which cuts in half a 512-acre jobs-creation district annexed into the City of Camas in 2008 named the North Urban Growth Area (NUGA).
- 14171-3 The case is often made that BPA should discount the human impacts of putting a 500 kV line in its existing right-of-way (West alternative). The reason given: "People who purchased land beside this existing BPA-owned transmission line right-of-way need to take personal responsibility for their decision to live there." For most of the NUGA, our families' title deed of ownership precedes BPA's high-voltage power lines, the creation of BPA and the creation of the commenter.
- 14171-4 The West alternative does not cross our property, but as NUGA landowners, we are adversely and irreversibly impacted by a 500-kV power line through the Johnston Dairy LLC property contiguous to ours. As a single master-planned entity, NUGA's adopted development agreement with the City of Camas (Aug, 2010) centers on a Conceptual Master Plan (Exhibit E) "to provide the Parties with predictability regarding the future development of the Property and provide a basis for additional planning efforts including comprehensive, capital facility, and zoning."
- 14171-5 Intended to assure reliable electrical power, the West alternative would upend the city's jobs creation efforts to boot, jeopardizing a balanced, predictable future, and it would unravel a state-approved public facility plan that prepares Camas for anticipated growth. BPA cannot compensate for the ensuing hundreds of lost jobs or mitigate the extinction of a vision held by Camas citizens. (Please see our pre-DEIS testimony #12636, 7/13/2012.)
- 14171-6 We strongly support City of Camas Resolution 1236 (March 19, 2012), most notably: "Camas insists that within our city limits and urban growth area, the only acceptable means by which additional transmission lines and facilities could be routed would be by underground transmission in accordance with our adopted Ordinances (Ordinance 2030, in 1995).
- 14171-7 BPA's capricious administrative decision to disregard Camas city ordinances (internal email Oct, 2009) flies in the face of the BPA's analysis of property-value impacts (DEIS Vol. 1, 11.2.2.5). Even BPA's power-industry studies of property-value impacts (based on proximity / visibility of 345-kV – not 500 kV – transmission lines) start from this assumption: "Zoning and permits are the primary means by which most local governments protect property values. By restricting some uses, or permitting them only under certain conditions, conflicting uses are avoided."
- 14171-8 BPA stripped this local government of its "primary means" of protecting property values: The 1995 ordinance regulating electrical transmission lines through Camas: "To eliminate or minimize

- 14171-1 Chapter 11, Socioeconomics, discusses population and employment forecasts. Responses to Comments 14171-13 to 14171-22 address the specific concerns raised by the commenter about the analysis of the West Alternative.
- 14171-2 Comment noted.
- 14171-3 Comment noted.
- 14171-4 Comment noted.
- 14171-5 Section 24.4, Economic Productivity, describes the project's potential long-term impacts on economic productivity in the region. It recognizes the possibility that some areas could be excluded from future urban development. The West Alternative is not BPA's Preferred Alternative.
- 14171-6 Comment noted.
- 14171-7 As discussed in Section 27.26, State, Area-Wide, and Local Plan and Program Consistency, principles of federal sovereign immunity govern whether state laws and local ordinances – such as the City of Camas ordinances referenced by the commenters – are applicable to actions by federal agencies such as BPA. In general, unless Congress has expressly waived the federal government's sovereign immunity from such state laws and local ordinances, these laws and ordinances are not applicable to federal actions. In the case of transmission siting, there has been no waiver of federal sovereign immunity from state or local land use or development laws or ordinances, so BPA's proposed I-5 Project is not subject to these laws and ordinances. Nonetheless, BPA understands that local jurisdictions such as the City of Camas use their zoning ordinances and associated permits for a wide variety of community-related purposes, including protecting property values. In part because of this, and as discussed in Section 27.26, BPA seeks to plan its projects to be consistent with state and local land use plans and programs to the extent practicable. BPA has done so in this case, and is continuing to work with local jurisdictions to investigate avenues to enhance consistency where feasible. Furthermore, rather than disregarding City of Camas ordinances, Section 27.26 contains a discussion of the proposed I-5 Project's consistency with City of Camas ordinances, along with other state, county, and city land use plans and programs.

For a discussion of potential property value impacts related to the I-5 Project, see Chapter 11, Socioeconomics.

- 14171-8 Comment noted.

- 14171-8 health and safety risks; to preserve property values; and to promote the general welfare by enhancing the livability of the Camas community." **ADVERSE** property valuations are imminent.
- 14171-9 Camas policies to protect public views (Camas Municipal Code, CMC 16.33.010) are also thwarted. By pre-empting Camas' police powers of zoning and permits, the BPA's West alternative propagates irreversible conflicting uses and permanently destroys public views with **HIGH** impacts for existing and future residents of Camas.
- 14171-10 All but two of the scenic viewpoints identified in the DEIS are along the West alternative. However, BPA's assessment of Segment 50-1 (Figure 7-5) is that: "Although the towers would be larger in scale and prominent in some views, overall visual impacts in this area would be **MODERATE** due to an existing transmission line, little required clearing, and weak contrast in texture." Figure 4-2.4f below simulates "before and after" for a proposed 500 kV power line with urban-area impacts (KOP-17.1), moreover, the NUGA is planned for higher housing densities than the figure shown. The related narrative: "The simulated view on KOP-17.1, depicts this view as it would appear with the proposed Project in place. For this residential and hillside view, there would be a noticeable decrease in overall visual quality... Because of the substantial change in the visual quality of the view and the high level of sensitivity of the views from this residential area, implementation of the proposed Project would result in a significant impact on this view." Both towers, the existing one pictured at top (KOP 17-1a) and the tower shown below (KOP 17-1b), should be in a "Future Simulation" of the West alternative's fully urbanized Segment 50-1 (DEIS, Figure 7-5) – So to the families living underneath, even an assessment that "the proposed Project would result in a **SIGNIFICANT** impact" is an insulting underestimation.
- 14171-11 Finally, the state-approved Shoreline Master Program (SMP) for Camas requires that: "New utility lines including electricity, communications, and fuel lines shall be located underground in established residential areas, except where the presence of bedrock or other obstructions make such placement infeasible." The DEIS **FAILS** to disclose that the West alternative will not meet standards of the Washington State Shoreline Management Act.
- 14171-12 In a number of other ways, the BPA's analysis of a West alternative (DEIS, I-5 Reinforcement Project): carelessly underestimates serious impacts and demonstrates a calculated disregard for consistency with state and local laws:
- 14171-13 1) Undoubtedly, a disproportionate number of displaced homeowners and renters along the West alternative – especially Segment 25 – will be low-income households. As stated in the US Army Corps of Engineers Memorandum for Record (NWS-2011-346, October 18, 2011), "a specific threshold for numbers of homes (to be relocated), or level of impact, should be referenced, along with the rationale." To be consistent with Washington EFSEC Standards the DEIS must describe "whether or not any minority or low-income populations would be displaced by this project or disproportionately impacted." The DEIS **FAILS** both requirements.
- 14171-14 2) Consistency with Washington EFSEC Standards also requires that the analysis shall include "population and growth rate data for the most current 10-year period for the county or counties and incorporated cities in the study area," and "published forecast population figures for the study area for both the construction and operations periods," using the most recent data U.S. Census or state of Washington sources (DEIS, Vol. 2, . 28.1.3) The DEIS FAILS to include any population forecasts for the areas affected by the four alternatives.
- 14171-15 3) Two thirds (13.2 miles) of the West alternative within Clark County is also inside city limits or a state-approved Urban Growth Area, (Map 1-UGAs, below). That means twenty percent of the route will be surrounded by urban uses and high-density housing within 20 years.

- 14171-9 Please see the response to Comment 14171-7. The West Alternative is not BPA's Preferred Alternative.
- 14171-10 Chapter 7, Visual Resources, and Appendix E explain the methodology used for the visual assessment. The visual resource assessment is based on BLM's Visual Resource Management System. This system is widely accepted and frequently used for analyzing project level impacts on visual resources. The BLM's VRM system provides a way to identify and evaluate existing visual values, analyze potential visual impacts, and apply visual design techniques to proposed project elements. This system is effective and has been used for evaluating many different types of development, including transmission line projects within rural and urban settings; both of which occur in the study area.
- Realizing that there are a large number of potential viewing locations that could have been chosen for simulations, and using the methodology indicated above, we identified key public viewing locations where visual changes could occur. BPA has added more simulations in the Final EIS; several in the Castle Rock, Merwin Dam, and Camas and Washougal areas.
- The Preferred Alternative includes segments 51 and 52, but does not include Segment 50.
- 14171-11 Section 27.26.1.2, Washington State Shoreline Management Act, discusses consistency with Washington's Shoreline Management Act. BPA would meet or exceed shoreline regulations to the extent practicable. Section 28.4.1, Shorelines and Wetlands, and Appendix O, Shoreline Management Act and Critical Area Ordinance Consistency, also discusses compliance with Washington's Shoreline Management Act.
- 14171-12 Please see the response to Comment 14171-11. Subsequent responses prepared to this comment letter address specific concerns raised by the commenter about the analysis of the West Alternative.
- 14171-13 Sections 11.1.9.1, Minority Populations and 11.1.9.2, Low-Income Populations, address Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, by describing low-income and minority populations in the project area. All action alternatives would include limited census tracts with minority or low-income populations, but effects to residents in these census tracts are the same in range and extent as to all other census tracts crossed by the action alternatives. Therefore, impacts to low-income populations are not disproportionate to impacts on non-low-income populations living in the census blocks crossed by the project, as described in Section 11.2.2.9, Environmental Justice. Additional tables and analysis are included in Appendix H, Environmental Justice Tables.

The Corps memorandum the commenter references includes comments on a very early draft of an alternatives analysis document prepared by BPA for the Section 404 process, not the NEPA process.



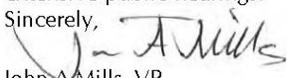
KOP-17.1a - (Existing) Looking southwest from Avenida Anita/Avenida Compadres intersection, Chino Hills.



KOP-17.1b - (Future Simulation) Looking southwest from Avenida Anita/Avenida Compadres intersection, Chino Hills.

14171-14 Washington EFSEC standards require population forecasts for "the study area for both construction and operations periods" (see Section 28.1.3, Socioeconomic). Section 11.1.1, Population and Housing, provides population forecasts for the period 2010-2030 for Clark, Cowlitz, and Multnomah counties, which collectively make up the study area.

14171-15 Comment noted.

- Three years before the Board of Clark County Commissioners (BOCC) formally adopted changes to its Comprehensive Growth Management Plan (September 25, 2007), the commissioners revisited several assumptions of the 2004 plan, and used their revised assumptions to expand urban growth boundaries with enough land to accommodate 20 years of proposed job and population growth. The BOCC's revised planning assumptions are critical to analysis of the West alternative, above all:
- ❖ Clark County's total population will be 584,310 by 2024, with a population increase of 192,635 (an annual growth rate of 2.0 percent) – 90 percent of the incoming population will live in urban areas; only 10 percent in rural areas outside the urban growth boundaries.
 - ❖ 66,939 new dwelling units will needed for households in urban areas and 138,312 new jobs by 2024.
 - ❖ Average residential densities in urban areas would be eight (8) units per net acre for Vancouver, six (6) units per net acre for Camas, Washougal, Battle Ground & Ridgefield.
 - ❖ Currently built land will be redeveloped, absorbing five percent of the projected population and job growth.
- So for the foreseeable future, 90 percent of Clark County's growth – directed by zoning, road construction and public facilities – would share a compact urban area with 13 miles of the West alternative. Currently occupied areas along the BPA right-of-way will also redevelop to more intense urban uses, adding people. Hundreds of thousands will live within these urban areas in the decades that follow – guided by the Washington State Growth Management Act (Ch 36.70a RCW).
- If BPA is correct about high-voltage lines having no effect on property valuations, areas within 500 feet of the proposed 500kV lines urbanize similarly to areas further away. Even a very conservative guesstimate ought to catapult the number of homes within 500 feet of the West alternative from 3,032 to well over 6,000.
- Conversely, growth outside of the Urban Growth Areas will be just 10 percent of the total, dispersed over several square miles.
- If future households settle in urban areas but recoil from the 500 kV lines, Clark County and cities will need to expand urban growth boundaries much sooner than anticipated, forfeiting the public service efficiencies and energy conservation gained from compact urban growth.
- In its discussion of power load growth (DEIS 1.1.2.1, pp 1-3) BPA states: "With the current forecasts for load growth (up to 2 percent per year), BPA's analysis indicates that by spring 2016 the existing transmission system's capacity will likely be reached, which, in the absence of other measures, could require BPA to reduce power deliveries and this compromises the reliability of the transmission system to serve loads."
- Where does BPA think the "2 percent per year load growth" will live, work and go to school? How is it that an agency which assiduously forecasts power demand and blackouts FAILED to accommodate the location of future population growth in its route selection and DEIS analysis?
- Why was BPA, among the federal agencies with a land-use or resource-related mission in this region, the only one that never commented on Clark County's Comprehensive Plan during extensive public hearings?
- Sincerely,
- 
- John A Mills, VP
Mills Family LLC
Camas, Washington
- cc: [Phil Bourquin](#), Community Development Director, City of Camas

- 14171-16 Comment noted.
- 14171-17 Comment noted.
- 14171-18 Property values are discussed in Section 11.2.2.5, Property Values. Also, please see the response to Comment 14140-2.
- 14171-19 Comment noted.
- 14171-20 Comment noted.
- 14171-21 New residents to the Northwest will live, work, and go to school in existing and future homes, businesses, and schools located in areas zoned for those uses.

The EIS evaluated a range of reasonable alternatives from locating a new transmission line on existing right-of-way through more populated areas to locating the new line on large tracts of public land and private land owned by large timber companies. Though the Preferred Alternative does cross rural residential lots on new right-of-way, it does try and avoid future areas of population growth by crossing public and large landowner private lands.

Chapter 2, Facility Siting, Route Segments, and Action Alternatives describes all the factors considered when siting a transmission line. The identification of segments and action alternatives considered other factors besides population growth such as natural resources, use of existing right-of-way, design, and other criteria.

- 14171-22 Please see the response to Comment 14171-22.
- 14171-23 BPA strives to monitor and maintain relationships with all counties and municipalities in our service territory, which includes Oregon, Washington, Idaho, and parts of Montana, Wyoming, Nevada, and California. Our priorities are providing reliable and adequate power and transmission service to our customers at low rates, and mitigating impacts of the federal hydro system and transmission system on fish and wildlife. BPA invests funds to support fish and wildlife, including the creation and preservation of habitat. Unlike other federal agencies, BPA does not own or manage these natural resources or lands. Though generally we do not provide comments on individual city and county comprehensive plans throughout our service territory, Section 27.26.1, Washington and Oregon Statewide Plans and Programs, Section 27.26.2, Washington Local Plans and Programs, and Appendix O describe potential impacts to elements of Clark County's Comprehensive Plan that pertain to utilities, and impacts to shorelines and critical area ordinances within the county. We have worked with representatives from Clark County (and Cowlitz County) throughout our planning and review of this project, and will continue to do so if BPA decides to build this project.

Explanation of Maps – Submitted Separately:

Map 1 - UGAs. Key shows Urban Growth Areas that extend beyond city limits and will be urban.

14171-24 **Map 2** - Internet search for **schools and daycares** shows public schools as yellow dots and private or faith-based schools and daycares as purple dots, overlaid on West Alternative. BPA underestimated numbers in close proximity to proposed 500 kV power line by counting only those whose buildings are within 500 feet – not playgrounds, etc. For example, Camas High School's playfields are with 400 feet of the proposed easement, but CHS not listed in the DEIS.

14171-25 **Map 3 - Zoning in Urban Growth Areas** overlaid on West alternative confirms primarily urban residential growth along most of the BPA easement inside UGAs for the next 20 years (except a purple area where it bisects Washington State University at Vancouver).

Addendum: Studies of property-value impacts cited in the BPA's DEIS are based on proximity, visibility, and encumbrances of 345-kV transmission lines in Connecticut and Massachusetts – not 500 kV lines in Western states. However, Dr. James Chalmers, a researcher cited in the BPA's DEIS, published a study of 500 kV power lines in January, 2012 under contract for NorthWestern Energy (Montana), which I've submitted to the record of public comment separately.

Dr. Chalmers studied a 585-mile swath of BPA 500 kV power lines with a wide range of land uses and types. From this study, "High Voltage Transmission Lines and Montana Real Estate Values:"

"How can it be if people are so intensely adverse to the lines that we don't see more of a market effect? This inconsistency is seen clearly when residents along existing high-voltage transmission lines are interviewed. The basic thrust of survey questioning is whether home purchasers were aware of the transmission lines prior to their purchase and, if so, whether their purchase decision or the price they paid was affected by the lines. Like the statistical analyses of sales reported above, the results of these survey studies are quite consistent with one another. Their findings can be summarized as follows:

- A high proportion of the residents were aware of the lines at the time of purchase.
- Between one-half and three-fourths of the respondents have negative feelings about the lines.
- Of those who have negative feelings about the lines, the vast majority (67% to 80%) report that their purchase decision and the price they offered to pay was not affected by the lines.

Dr. Chalmer's overall conclusions are relevant to BPA's I-5 Reinforcement Project:

Use – the more heavily oriented the property to residential use, the more vulnerable it is to transmission line impact. Properties oriented more toward recreational use are much less vulnerable and properties in pure agricultural use generally show no price effects from the transmission lines whatsoever.

Size – the larger the property, the less vulnerable it is to transmission line impact. Larger properties have a greater likelihood that the location of the lines will not interfere with the intended uses of the property or, if they do interfere, that there are siting alternatives that can mitigate the consequences.

Substitutes – the availability of otherwise comparable substitutes is a third key factor increasing the vulnerability of a property to transmission line effects. If there are alternative properties very similar to the subject except for the transmission line, there can be significant price and absorption effects. On the other hand, if the property is relatively unique and the transmission lines are but one of several differentiating factors, the property is less vulnerable to price and absorption effects."

- 14171-24 BPA used scaled aerial photographs to identify buildings and other structures that would be within 500 feet of the edge of the proposed transmission line right-of-way. Adjacent grounds or multi-use fields associated with these buildings were not included in the 500-foot calculation, because use of those areas is considered intermittent and users would not be subject to a consistent exposure level for extended periods of time as may occur within buildings.
- 14171-25 Comment noted.
- 14171-26 Please see the response to Comment 14140-2.

PREVIOUS TESTIMONY

14171



MILLS FAMILY LLC
114 NE LEADBETTER ROAD
CAMAS, WA 98607-9215

To: Bonneville Power Administration Date: THURSDAY, NOVEMBER 19, 2009
RE: Scope of EIS, I-5 Corridor Reinforcement Project, Route Segment #50, northeast of Lacamas Lake

14171-27 To avoid power blackouts, the I-5 Corridor Reinforcement Project promises reliable energy for economic development and growth. It would be ironic and counterproductive if the project caused a "blackout" of master planning for hundreds of contiguous acres known as Lacamas Northshore – an area uniquely suited to provide hundreds of new jobs and smart growth in northeast Camas (WA).

14171-28 The Mills Family LLC – one of a dozen property owners within Lacamas Northshore – wishes to register our objection that any right-of-way (ROW) increase along route segment #50 for the BPA's additional 500-KV line critically endangers the future of a roughly 500-acre block that's far down the track to becoming a "Green" urban setting where families can live, work and play in one place.

14171-29 The master plan and negotiated development agreement for Lacamas Northshore – incorporated into the city limits of Camas in April 2008 – cannot coexist with expanded BPA easements and ROW condemnation for an added 500-KV transmission line. As a result, the EIS scope with segment #50 introduces irresolvable conflicts with public/private investments targeted to make Lacamas Northshore a hub for employment growth in east Clark County and a landmark, mixed-use community with an elementary/middle school and public center.

14171-31 Years of public hearings and decision-making by Clark County and the City of Camas – going back to September 2004 – have culminated in comprehensive plan designations for light industrial and mixed-use development to meet the City's growth needs for the next 20 years. Segment #50 also unravels efforts to: 1) abandon Leadbetter Road and reroute vehicle traffic to a new, eastern bluff

14171-32 arterial in order to finish a multi-use, round-the-lake trail, 2) protect the historic Leadbetter House (National Register, added 1979 - #79003148) and, 3) protect wetlands that are fully mapped and
14171-33 integrated into the master planning for Lacamas Northshore.

14171-34 These plan designations and urban growth boundary have withstood significant and extensive legal challenges before the state Growth Management Hearings Board. Job-based zoning for the Lacamas Northshore area has been recommended by the Camas Planning Commission and was adopted by City Council – with broad public input and concurrent planning/budgeting for the needed public infrastructure to support urban-level growth.

14171-35 This is not a NIMBY-filled, rural subdivision with backyards that abut the BPA's right-of-way.

14171-36 Route segment #50, if included in the scope of work, would directly conflict with the interests of Lacamas Northshore landowners, City and County elected officials, and the citizens of Camas because sharp limitations on a principal jobs-producing area within city limits would cancel out years of civic effort to set aside this area for future employment options. Every weekday, 60,000 people commute across the Columbia River to work – when polled, nearly 80% said they would take a Clark County job if available.

14171-37 As noted by others at the public scoping meeting held at Liberty Middle School in Camas on Nov. 3, we are alarmed that just two alternative segments are proffered for a route from northeast of Lacamas Lake to Oak Park substation – and one segment (#50) is already committed to urban living.

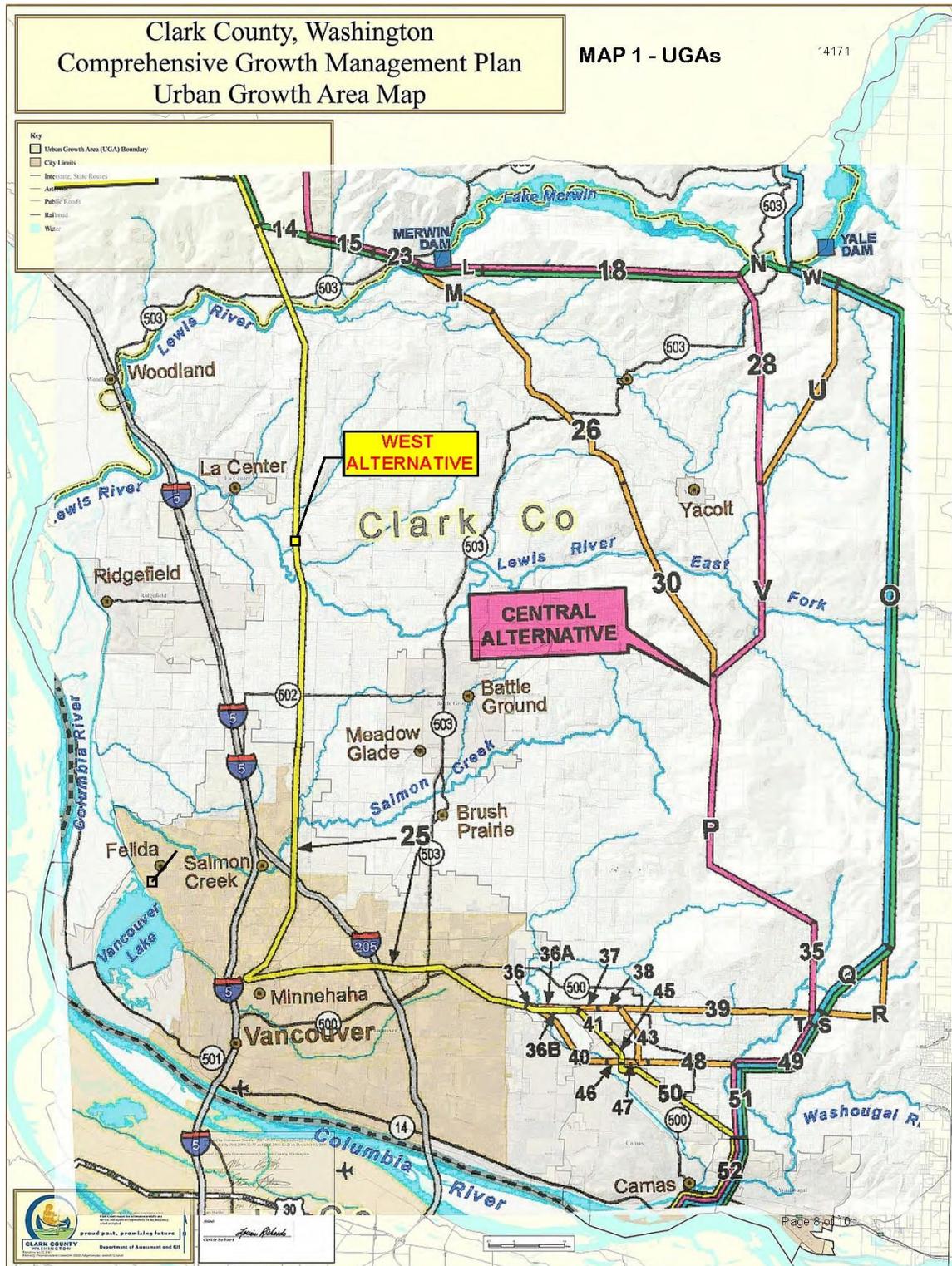
We urge you to eliminate route segment #50 from the scope of work and to explore other routes.

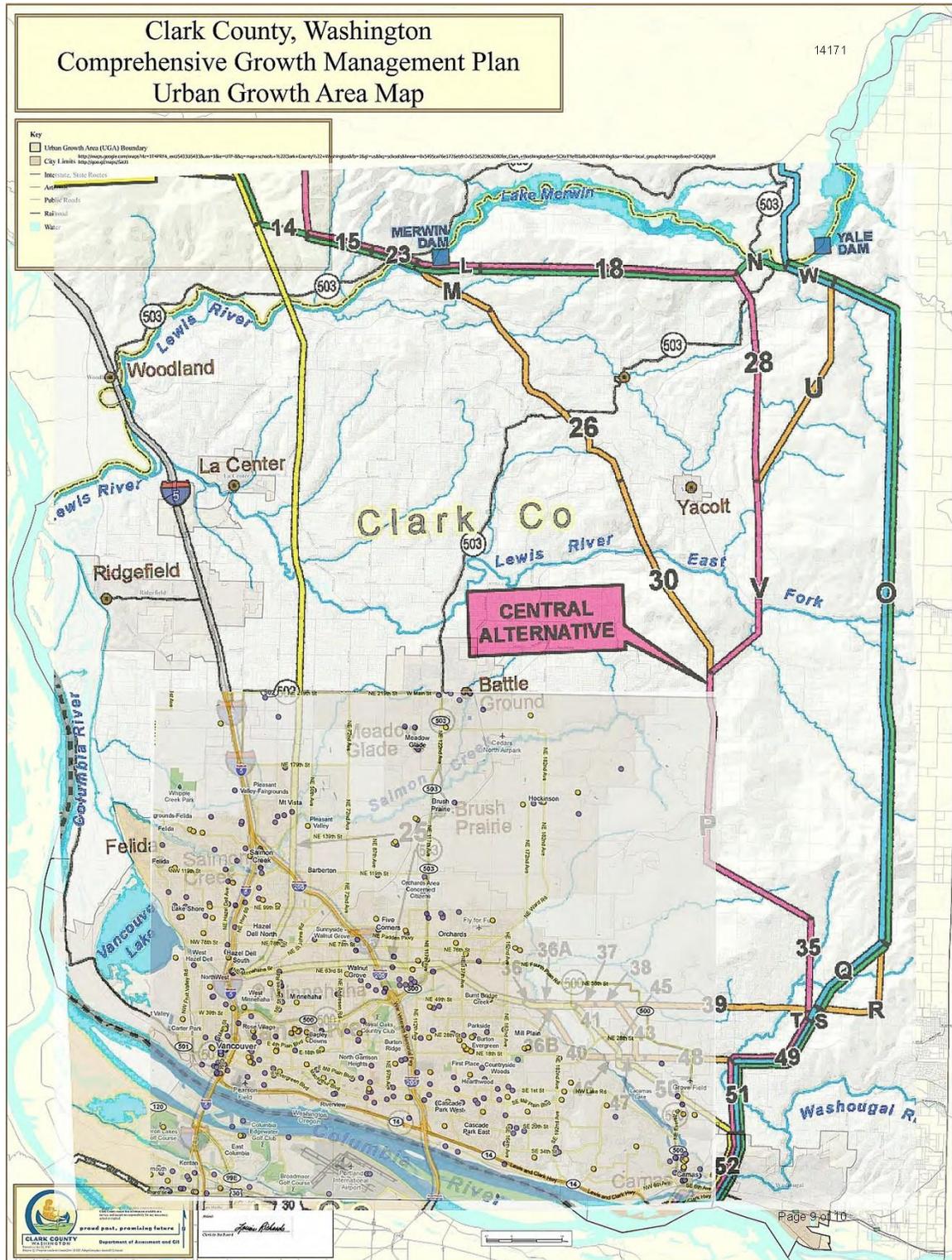
Sincerely,

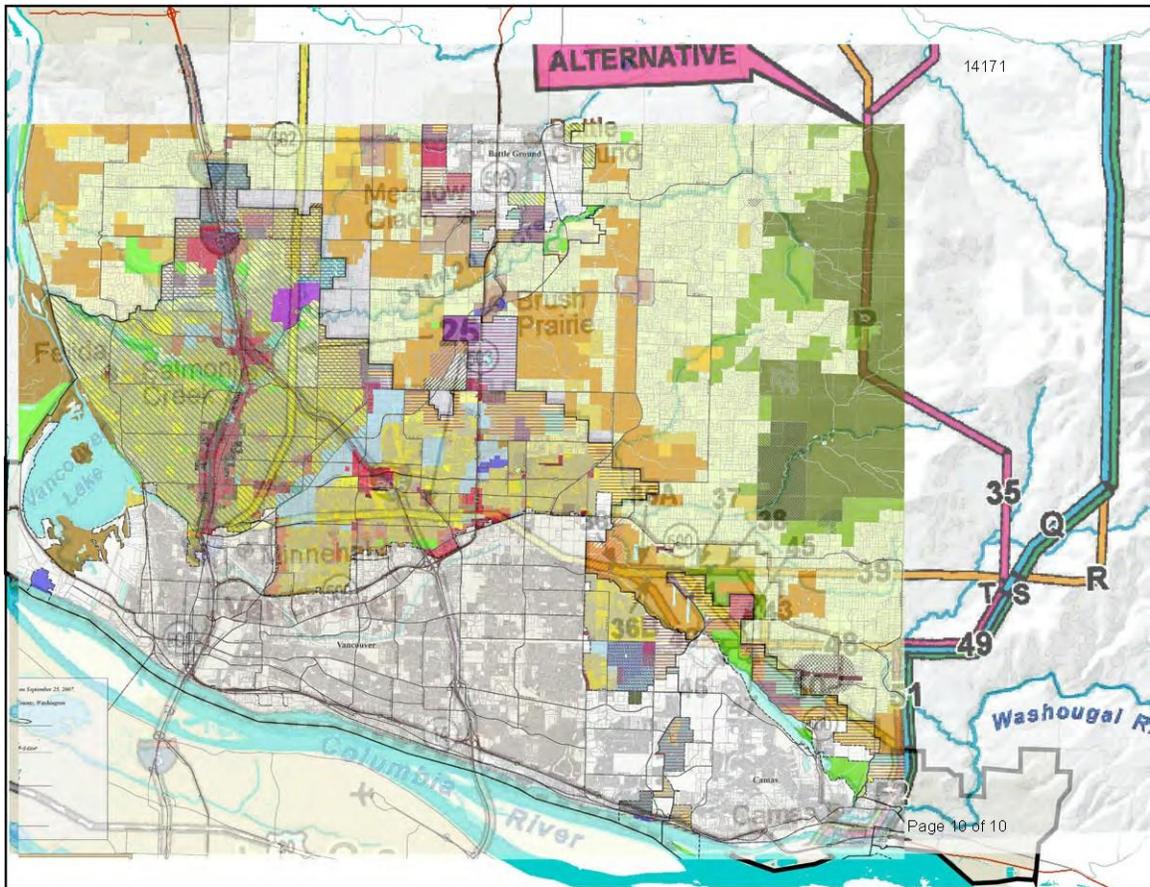
Mills Family LLC
Camas, Washington Michael Pittock Mills, President

John A Mills, Vice-President

- 14171-27 The Preferred Alternative would not affect the proposed Lacamas Northshore development.
- 14171-28 Comment noted. Segment 50 is not part of the Preferred Alternative.
- 14171-29 Please see the response to Comment 14171-27.
- 14171-30 Please see the responses to Comments 14171-5 and 14171-27.
- 14171-31 Comment noted. Segment 50 is not part of BPA's Preferred Alternative.
- 14171-32 BPA has conducted cultural resources surveys along the Preferred Alternative and has identified resources that may be impacted by the proposed project. BPA is working with affected and interested parties to avoid, minimize or mitigate impacts to cultural resources. Segment 50 is not part of the Preferred Alternative.
- 14171-33 Section 27.10, Clean Water Act, describes the Section 404 permitting process that would apply if project components are determined to be within a wetland. Additionally, BPA would comply to the extent practicable with all local shoreline management plans. Lacamas Northshore is not part of the Preferred Alternative.
- 14171-34 Comment noted.
- 14171-35 Comment noted.
- 14171-36 Please see the response to Comment 14171-5. Lacamas Northshore is not part of the Preferred Alternative.
- 14171-37 Comment noted. Segment 50 is not part of the Preferred Alternative.







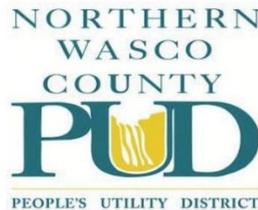
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14172-1 Please include the attached comments in your consideration of the DEIS for the proposed I-5 Corridor Project.

14172

Thank you,

Kurt J. Conger
 Director of Power Supply,
 Transmission and Regulatory Policy
 Northern Wasco County
 People's Utility District



March 1, 2013

Bonneville Power Administration
 I-5 Corridor Reinforcement Project
 PO Box 9250
 Portland, OR 97207

Submitted By Email to I-5@bpa.gov

Subject: DRAFT Comments on BPA I-5 Corridor Reinforcement Project Draft EIS

Dear Project Administrator:

In response to the request for comments on the Draft Environmental Impact Statement (DEIS), DOE/EIS – 0436, Northern Wasco County People's Utility District (NWCPUD) provides these comments in strong support of the proposed I-5 Corridor Reinforcement Project. Utility customers of BPA in the Northwest have long recognized the physical capacity constraint that exists for any transmission usage that is affected by the South of Allston flowgate along the I-5 corridor between Seattle and Portland. Our country's economic vitality and welfare relies on electric power to provide a vast array of basic needs. Our economy is driven by reliable electrical energy provided at a cost that keeps the United States competitive. We cannot afford to let the capability of our power system infrastructure decline to a point that limits reliable operations and complicates repair and/or replacement of aging infrastructure. The I-5 Corridor Reinforcement Project is a critical component of the BPA transmission system that must be maintained and reinforced for the benefit of all citizens.

14172-2 Therefore, these comments speak to Chapter 1, Purpose of and Need for Action, of the Draft EIS.

In 2005, congestion events rattled most of the transmission customers in the Northwest. On several occasions, BPA, seeing that the South of Allston flowgate approached its operating limit, began curtailing power delivery schedules – hundreds of "e-Tags" were curtailed and further sales of transmission capacity were halted. As the reliability entity responsible for ensuring the security of most of the transmission system in the Pacific Northwest, BPA acted appropriately, but recognized that process improvements for handling such incidents of congestions would be needed (see BPA white paper, "Challenge for the Northwest: Protecting and managing an increasingly congested transmission system," DOE/BP-3705, April 2006). Over the past seven years, BPA has implemented a system that only allocates sales of transmission capacity across its limited flowgates after careful evaluation of each transmission service request (see BPA ATC Methodology).

- 14172-1 Thank you for your comments. Specific comments are addressed below.
- 14172-2 BPA appreciates NWCPUD's recognition of BPA's operational issues in this area and BPA's need to provide adequate transmission capacity to support expected demand.

Bonneville Power Administration
 Ref: I-5 Corridor DOE/EIS – 0436

14172
 Page 2
 March 1, 2013

14172-2

Shortly after the 2005 event and as required by Section 216(a) of the Federal Power Act, the Department of Energy prepared and issued the first of its national transmission congestion studies. By law these studies were performed in 2006, 2009 and 2012. In these studies, the I-5 corridor between Seattle and Portland was identified as a “Congestion Area of Concern” due to the frequency of curtailments resulting from flow excursions above path OTC (particularly in August 2005) and number of transmission service requests (TSRs) that have been refused due to the South of Allston limit.

These incidents of congestion on the BPA transmission network continue to frustrate utilities today and hamper efficient, reliable transmission service. Attempts to reserve seasonal transmission capacity in a north to south direction are often refused or counteroffered (i.e. available for a fraction of the time that the transmission is needed) with the message “Insufficient AFC” as the Seller’s (BPA’s) response. The Request Evaluation for these requests often indicates that “SOALSN” (the Flowgate Name for South of Allston) limits are the reason why the request failed the evaluation. Absent a confirmed transmission reservation, parties are unable to schedule power deliveries and may be subject to liquidated damages. BPA’s Capacity List forum for coordinating outage plans will often include customer concerns about South of Allston constraints on operations.

While BPA’s ATC methodology rations flowgate capacity to protect the security of the transmission system, it is not intended to address the root cause of the problem. The Draft EIS enumerates the options – both wires and non-wires – that were considered by BPA to solve the South of Allston transmission constraint. The need for this project is well established and apparent to utilities, like NWCPUD, that rely on BPA transmission service to provide electricity to homes and businesses. As is well summarized in section 1.4 of the DEIS, reinforcement is necessary to provide the needed capacity for power operations and ensure system security during maintenance. A further benefit is that the project will reduce line losses and minimize the need for certain remedial action schemes (RAS).

NWCPUD expresses its strong support for the I-5 Corridor Reinforcement Project and believes that it is essential to consider the weight of the need for this project while considering other environmental impacts in the EIS process.

Sincerely,



Digitally signed by Kurt Conger
 DN: email=Kurt.Conger@wasco.com,
 c=US, st=OR, ln=The Dalles, o=Northern
 Wasco County PUD, ou=HW, cn=Kurt
 Conger
 Date: 2013.03.01 10:58:58 -0800

Kurt J. Conger
 Director of Power Supply, Transmission and Regulatory Policy

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BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/29/2012 8:03 a.m.**

14173-1 | Hi my name is Shayla Vanantwerp. I received my information last night for the I-5 Corridor Program. First of all, I want to let you know you have a name misspelled. It's Vanantwerp. Second of all, our CD did not work so we were unable to view the project. If you can resend a CD for me, that would be great. Our address is . Thank you. If you have any questions my number is or my work number . Thank you.

From:**Sent:** Tuesday, November 27, 2012 11:36 AM**To:** BPA I-5 Corridor Reinforcement Project

14174

Subject: (no subject)

14174-1 | we are trying to find out the basic info on the new I-5 corridor project. we own Jimbos gas station at . please have someone contact JJ at would like to know how close those new lines will come to us and if pumping gas near them will be problematic. We are considering a remodel but will avoid if we can't operate. appreciate any info or help you can give us thank you jj graybill

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/29/2012 10:41 a.m.**

14175-1 | Hello this message is for Katy Fulton. My name is Ruth Pomalock and I wanted to provide her with my new mailing address. The mailing address is . Thank you very much, bye.

- 14173-1 BPA corrected the commenter's name on the project mailing list and sent the commenter project materials as requested.
- 14174-1 Please see the response to Comment 14167-1.
- 14175-1 BPA sent the commenter the project materials requested.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/29/2012 12:40 p.m.**

14176-1 | Hi. David McDonald. Phone number is . I got some questions on the easement you're attempting to get on my property. Anyway, you've sent me some information and I wanted to talk about it. . Property address is . Thanks. Bye.

From:**Sent:** Thursday, November 29, 2012 3:53 PM**To:** BPA I-5 Corridor Reinforcement Project

14177

Subject: Underground thru Washougal vs. overhead

14177-1 | Expansion of the carrying capacity of the power lines running North from the Columbia River across the "belly" of the town of Washougal for about 1.2 miles to the top of the hill from Hiway 14.

Said right-away is now covered with black berry bushes declared a noxious-weed by the State of Washington.

14177-2 | I inquired nearly a year ago about the pros and cons of going underground for this 1.2 miles. At that time I was told that an alternative to overhead towers for this section was being studied.

QUESTION: If said study was done can I get a copy.

Thanks:

AL Hayward *

* I'm inquiring both as an adjacent property holder and reporter covering the story.

- 14176-1 BPA staff contacted the commenter and answered his questions.
- 14177-1 As the commenter states, the blackberry, both the Himalayan and the evergreen, is classified as a Class C noxious weed species in Clark County and is listed in Appendix M. As a Class C weed specie, eradication is not required. To manage resources efficiently, BPA maintenance personnel do not aggressively eradicate blackberries on easement rights-of-way unless requested to do so by the property owner. BPA has found there are property owners who do not want the blackberries removed for a variety of reasons. On fee-owned rights-of-way, BPA generally eradicates blackberries between transmission towers if removing the blackberries improves BPA's ability to patrol the line or discourages dumping trash on the right-of-way.
- BPA has found of bigger concern to most people is control of Scotch broom. BPA aggressively eradicates Scotch broom on both easement and fee-owned rights-of-way.
- 14177-2 Appendix D contains the I-5 Transmission Corridor Project Underground Route Study. The commenter can find the report on the project website at www.bpa.gov/goto/i5. The report looked at the feasibility of undergrounding the transmission line for the project. Between the Draft and Final EIS, BPA studied undergrounding small sections of line through the Castle Rock area and the cities of Camas and Washougal. This study, Underground Transmission Phase II in support of the I-5 Project, is included as Appendix D1.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 11/30/2012 10:36 a.m.**

- 14178-1 Hello this is Marlena Munger. My phone number is . I live at . And according to the map, it's kind of hard for me to determine. I have riverfront property and it appears that the proposed, first proposal main line of the crossing of the Cowlitz River with the wires and the towers and everything is going to be fairly close to the north property line that I have. I was wondering if you could tell me if it's actually going to be visually seen from my property. I kind of have a view property and so I was kind of opposed to having power lines going right across the view. I thank you very much for your call back and I'd appreciate any information
- 14178-2 you that might even be able to send me a little more detailed than the map that we got. Okay. Thank you very much. Bye-bye.

14179

BEVERLY G TURNER

11/30/2012

- 14179-1 Please use the existing corridor. A second corridor wastes hundreds of acres of land. Has a huge negative impact on the environment and wildlife and would be yet another eyesore. It is a reinforcement project so reinforce what you already have. Don't wastefully consume the public's money and more land.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/01/2012 5:29 p.m.**

- 14180-1 Yes, this is Brent Smith. I used to own some property that would be in route 26. I believe it's . My name is Brent Smith and I no longer live there. I don't know if you want to start sending stuff to the current resident so that they know because it's been coming to my mailbox and I just thought you might want to resend it. I can't remember the people's name that bought it. But you can send it to the current resident at , not Brent Smith. Thank you, bye. If you need to call me back, you can call me back at . Thanks, bye.

- 14178-1 For the EIS, simulations were completed for key public viewing locations, but not for all potential viewing locations affected by the action alternatives. At this particular property, if the commenter looks to the north, she would be able to see the new line. Use of the existing maps and visual impact descriptions for route segments in Chapter 7, Visual Resources, and Appendix E are the best available resource to determine a potential visual impact to the commenter's property.
- 14178-2 BPA emailed the commenter maps of her property and information about accessing the interactive map and other materials on the project website.
- 14179-1 Comment noted.
- 14180-1 BPA adjusted the mailing list as suggested.

BPA I-5 Corridor Reinforcement Project Voicemail

Received: 12/01/2012 1:58 p.m.

14181-1 | I would like a copy of the DEIS. My name is Lee Witter and my phone number is . Thank
you.

14181-1 BPA sent a copy of the Draft EIS to the commenter.

From: noreply@bpa.gov
Sent: Friday, November 30, 2012 4:01 PM
Subject: BPA I5 Comment Submission Confirmation
Attachments: C:\Documents and Settings\Ray\RD\Desktop\DESKTOP FILES\BPA\Ray Richards (5a).jpg

Thank you for submitting your comments on the Bonneville Power Administration's draft environmental impact statement (EIS) for the I-5 Corridor Reinforcement Project. All comments submitted between November 13, 2012 and March 1, 2013 (before midnight) will be responded to in the final EIS, which is expected in 2014.

A copy of your information, as submitted using our online form, is included below for your records. If you provided your contact information and submitted a question we can answer at this time, you will receive a response. Your contact information will also be added to our project mailing list. All comments including names will be processed and then posted on BPA's website at www.bpa.gov/goto/i-5

Sincerely,
Bonneville Power Administration

Name: Raymond B Richards
Organization:
E-mail:
Phone:
Address:

USA

Group type: Private citizen

Please ADD me to the mailing list.

Comment:
14182-1 | The attached photo is of the East Fork Lewis River near where your power lines would cross. Is this an example of the "low scenic quality" of your Central Alternative?

- 14182-1 The visual assessment in Chapter 7, Visual Resources, acknowledges that the East Fork of the Lewis River has low scenic quality based on the rating system in the BLM's Visual Resource Management System. It states that viewer sensitivity and scenic quality are higher near the Lewis River, and that visual impacts in the vicinity of that crossing would be moderate-to-high. The general characterization of the entire alternative the commenter cites considers viewer sensitivity, low population, and the fact that some of the alternative parallels an existing power line. More details on the BLM classification system are available in Chapter 7 and Appendix E.



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BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/03/2012 11:20 a.m.**

14183-1 | Hello, I'd like a CD of the Draft Environmental Impact Statement. My name is David Galle. My address is
. My phone number is . Thank you.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/03/2012 12:03 p.m.**

14184-1 | My name is Patricia Lee Witter. I am a landowner in Clark County who will be impacted by Timber Farm
by the preferred alternative. I would like a printed copy because I live in North Bend, Washington. .
is my phone number or my cell phone is . Thank you.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/03/2012 12:06 p.m.**

14185-1 | Hi I would like to be put on your mailing list. My neighbor is on your mailing list. Not quite sure, he didn't
know how he got on there. But anyway, my name is Susan Wodaage and my phone number is
. Once again my name is Susan, area code . Thank you, bye-bye.

14183-1 BPA staff sent a CD and other project materials to the commenter.

14184-1 BPA sent a copy of the Draft EIS to the commenter.

14185-1 BPA added the commenter to the project mailing list.

From: Erna Sarasohn
Sent: Monday, December 03, 2012 4:03 PM
To: Asgharian, Maryam A (BPA) - DKE-7
Subject: EMF Report

141214

14214-1 Greetings Maryam,
Is it possible for me to get a copy of the Golders EMF report since the Preferred Alternative has been announced and the report is no longer pre decisional?
Thank you Maryam--I hope you are doing well. When is your last day at work?
Erna

- 14214-1 BPA informed the commenter that the EMF report was completed by a company called Exponent and that the report can be found in Appendix G. Between the Draft and Final EIS, the report was updated to include ongoing research. This report is included as Appendix G1.

From: Rod Smith
Sent: Friday, November 30, 2012 12:35 PM
To: Korsness, Mark A (BPA) - TEP-TPP-3 14215
Subject: Neighbors worry about riparian protection zone at risk of being destroyed by BPA project.

Greetings:

We are neighbors living adjacent to the Ocean Spray Timber sale and the line "P" section of the BPA's preferred alternative for it's "I-5 Corridor Reinforcement project".

14215-1 Attached please find a letter to Commissioner of Public Lands Peter Goldmark outlining our concerns regarding critical riparian protection habitat and the prospect of BPA destroying the buffer zone by building its corridor right on top of it.

If you have any questions please don't hesitate to contact me.

Thanks so much for your attention,

Rod Smith

- 14215-1 Thank you for sharing your concerns with the Commissioner of Public Lands, Peter Goldmark. BPA is aware that WDNR has reviewed your letter. WDNR has also sent their comments on the project to BPA. Please see the response to Comment 14097-1.

Commissioner Peter Goldmark
Washington State Department of Natural Resources
PO Box 47000
1111 Washington Street SE
Olympia, WA 98504-7000

November 28, 2012

Dear Mr. Goldmark

We live adjacent to the Bonneville Power Administration's I-5 Corridor Reinforcement Project's proposed "Central Alternative" route. Specifically, we are along the "P-Line" segment that traverses the DNR west boundary in Clark County, Washington. BPA has very recently designated this route as its preferred alternative for the project.

Approximately 3,000 lineal feet of this "P-Line" segment is adjacent to our properties, and importantly, is located entirely within the riparian management zone of a Type 3 stream which is a tributary of the North Fork of Lacamas Creek. (Please see attached exhibit "A")

In 2009 your agency prepared a SEPA document (please see attachment #1) for the "Ocean Spray" timber sale #84262 and Forest Practices Application #2919484. That SEPA document identified the riparian management zones adjacent to the type 3 and 4 streams on the westerly boundary of the Ocean Spray Timber Sale. The riparian management zone was established as mitigation measures to protect water quality, provide corridors for wildlife, and maintain habitat for fish and amphibians. Your agency is responsible for the implementation of the state's Forest Practices Act and Rules. In your NEPA scoping comments for this BPA project dated December 10, 2009, your agency stated that, in 2002, DNR and BPA came to a common understanding regarding forest practices activities related to BPA's lines and those that would be constructed in the future. You requested in that NEPA document that BPA obtain an approved Forest Practices Application and comply with the rules. (Please see Attachment #2)

As adjacent landowners and citizens of Washington State, we are very concerned about the status of the riparian management zones of Lacamas Creek. If BPA is allowed to construct its proposed power transmission corridor along the alignment as shown in Exhibit "A" it will obliterate the riparian management zones that were established to preserve the water quality and fish and wildlife habitat.

The water quality of the Type 3 stream will be destroyed, timber will be cut, access roads and culverts built, and vegetation will be controlled with dangerous herbicides. This stream flows directly into Camp Bonneville, which is currently undergoing an extensive cleanup as a Superfund site. The lead agency in that project is the Washington Department of Ecology. Any further water quality degradation caused by this BPA project will further aggravate Ecology's efforts to clean up that site. The US Army Corps of Engineers prepared a study and found many threatened and endangered species along the Lacamas Creek corridor which runs through Camp Bonneville. Any further stream degradation will seriously affect these species as well.

14215

We were very satisfied with your agency's efforts to preserve this sensitive environmental corridor and protecting fish and wildlife in the Ocean Spray timber sale. It is incumbent upon DNR to enforce the Forest Practices rules and regulations to provide cumulative protection to public resources.

BPA has told us that your agency urged that the new power transmission corridor be placed on the westerly border of DNR land. We strongly encourage your agency to take a serious look at moving the alignment slightly further east in this area to avoid this very sensitive stream corridor. We realize that there are many streams in this area of state land. Alignments which would cross streams at or nearly at right angles have far less impact to the streams than alignments that traverse straight up streams as in the case along the current alignment adjacent to our properties.

BPA project manager Mark Korsness has told us they will be meeting with your staff in Castle Rock to investigate the potential to move the alignment slightly east within DNR ownership to avoid this sensitive stream corridor. We are appealing to you to direct your staff to allow this project to be moved further east to preserve this critical riparian management buffer. We take the Forest Practices Act seriously and we are certain you do as well. Allowing BPA to destroy an asset set aside by the DNR and the citizens of Washington State would be irresponsible and hypocritical. We fear that BPA will say it will mitigate these impacts elsewhere. But that does NOTHING to benefit LOCAL fish, wildlife and water quality.

We know your background and appreciate how you have consistently sought balance to resolve issues between forest management, sustainability and protection for fish and wildlife. We sincerely hope that you will continue treating the Forest Practices Act seriously by working with BPA to preserve this critically sensitive habitat buffer area.

Thank you for your attention and consideration.

Sincerely,


Bolton C. Minister


Lola Minister

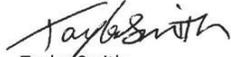

Bolton R. Minister

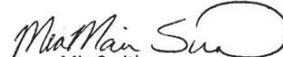

Amy Minister


April Minister

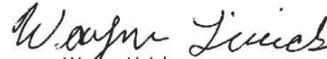

Rod Smith

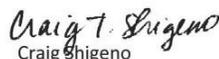
14215


Taylor Smith

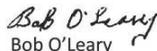

Mia Smith

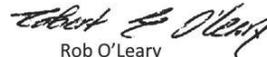

David Ballard

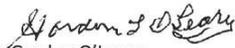

Wayne Livick


Craig Shigeno

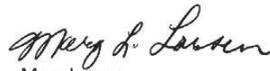

Kari Shigeno


Bob O'Leary

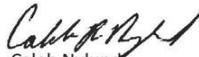

Rob O'Leary


Gordon O'Leary


Deborah O'Leary


Mary Larsen

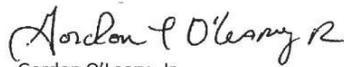

Mike Larsen


Caleb Nylund


Kari Nylund


John Isaacson

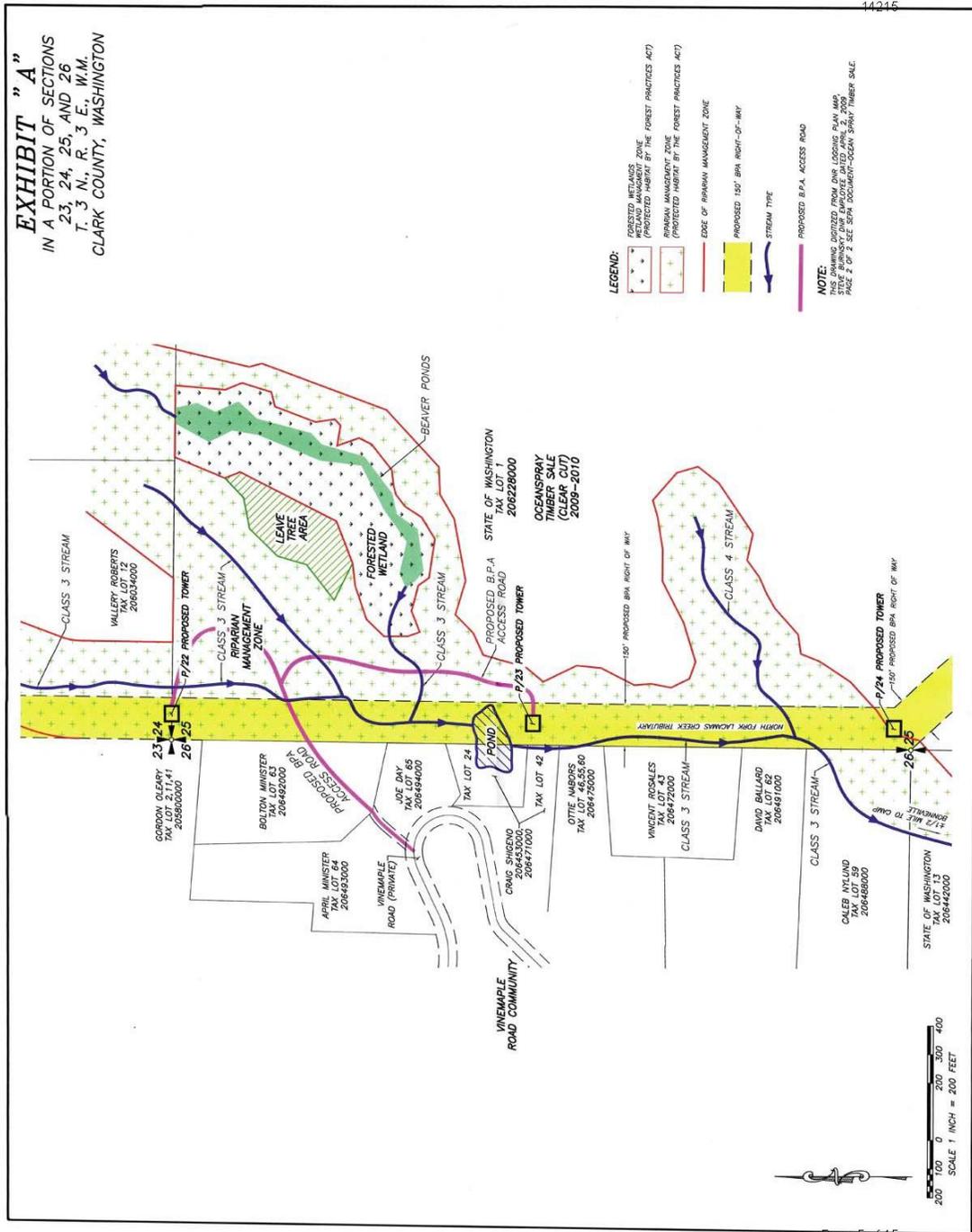

Deanne Isaacson


Gordon O'Leary, Jr.


Clara O'Leary


Meaghan O'Leary

Page 4 of 15



14215

DWS FILE: 9901812.DWG 15 of 5 bsp Page 5 of 15

14215

Attachment 1

Page 6 of 15

14215



WASHINGTON STATE DEPARTMENT OF
Natural Resources
 Peter Goldmark – Commissioner of Public Lands

CARING FOR
 Your natural resources

MEMORANDUM

April 30, 2009

File No. 09-043001

TO: Clark County, Planning Director
 Gary Bell / A. Friez, DFW
 E. Holman / S. Brummer / L. Renan, DFW
 Labor & Industries
 Columbia Gorge Audubon Society
 Friends of the Columbia Gorge
 The Columbian
 Yakima Indian Tribe
 Jean Tackett / Steve Hartsell, DNR

Environmental Coordinator, DOE
 Gretchen Kaehler / Morgan Lee, DAHP
 Dept of Revenue
 Parks & Recreation
 Clark County Natural Resources Council
 Clark County ESA Program
 Cowlitz Indian Tribe
 Lauren Goldberg, Columbia River Keeper

FROM: Elizabeth L O'Neal, SEPA Center

SUBJECT: **SEPA LEAD AGENCY & MITIGATED DETERMINATION OF NONSIGNIFICANCE**

This is to advise you that pursuant to WAC 197-11-900 (922 through 948), the Department of Natural Resources has determined that it is Lead Agency for the following:

Oceanspray Timber Sale #84262 and Forest Practice Application #2919484 is a variable retention harvest of 110 acres in two units riparian management zone thinning of 15 acres and wetland management zone thinning of 8 acres, with 5,368 feet of optional road construction, 7,784 feet of pre-haul maintenance, and 3,968 feet of road abandonment. Located in Section 31, Township 03 North, Range 04 East and Sections 25 and 26, Township 03 North, Range 03 East, W.M., Clark County.

Information about this proposal including the Threshold Determination, SEPA Checklist and Forest Practice Application can be viewed on DNR's website at:

<http://www.dnr.wa.gov/ResearchScience/sepa/Pages/Home.aspx>

Pursuant to WAC 332-41-504, this proposal was filed in the department's SEPA Center at the Natural Resources Building, 1111 Washington Street SE, P.O. Box 47015, Olympia, Washington, on **April 30, 2009**. We will consider comments on this proposed DNS received by 4:30 p.m. on **May 14, 2009**. Comments should be submitted to the SEPA Center at, sepacenter@dnr.wa.gov or P.O. Box 47015, Olympia, Washington 98504-7015 for distribution to the responsible official. Please **include the file number** listed above on all comments.

1111 WASHINGTON ST SE * PO BOX 47015 * OLYMPIA, WA 98504-7015
 FAX: (360) 902-1789 * TTY: (360) 902-1125 * TEL (360) 902-2117
 Equal Opportunity Employer

Page 7 of 15

14215



WASHINGTON STATE DEPARTMENT OF
Natural Resources
 Peter Goldmark - Commissioner of Public Lands

Caring for
 your natural resources
 ... now and forever

MITIGATED DETERMINATION OF NONSIGNIFICANCE

Description of proposal: Oceanspray Timber Sale, Agreement No. 30-084262 and Forest Practices Application No. 2919484. This is a variable retention harvest of 110 acres in 2 units, riparian management zone thinning of 15 acres, and wetland management zone thinning of 8 acres, with 5,368 feet of optional road construction, 7,784 feet of required pre-haul maintenance, and 3,968 feet of road abandonment.

Description of mitigation: The following mitigation measures will be implemented with this proposal:

- Riparian Management Zones (RMZ) are between 175 feet and 190 feet wide on type 3 streams and a minimum 100-foot RMZ along type 4 streams have been retained to protect water quality, provide corridors for wildlife, and maintain habitat for fish and amphibians.
- Wetland Management Zones (WMZ) averaging 175 feet wide on wetlands greater than 1-acre and 100' wide on wetlands less than 1-acre and greater than .25-acre have been retained to protect water quality, provide corridors for wildlife, and maintain habitat for fish and amphibians.
- Within the RMZ and WMZ thinnings there will be a minimum of 5 enhancement trees per acre created to contribute toward the down woody debris and snag component.
- Wildlife tree and snag recruitment will be accomplished by retaining a minimum of 8 trees per acre, consisting of conifer and hardwood species.
- The most current design and construction techniques will be used for road construction and maintenance operations to minimize impacts on water quality.
- Rock pit 1.-1020 Quarry will be expanded and 16 trees will be removed. A 0.5 acre leave tree island has been recognized in the southern end of the historic Lutte Timber Sale (Unit 2) and consists of 44 trees to mitigate for the loss of 16 leave trees.
- Neighborhood outreach conducted to solicit input on proposal.
- Avoided road construction through forested wetland by designating harvestable area as a leave tree area to avoid unwanted erosion and hydrological disruption of this sensitive habitat type.

Proponent: Department of Natural Resources

Location of proposal: Sections 31, Township 3 North, Range 4 East, W.M., Sections 25 and 26, Township 3 North, Range 3 East, W.M., approximately 8 miles by road, north of Carnas, off the L-1020 road systems in Clark County, Washington.

Lead agency: Department of Natural Resources

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43 21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.



PACIFIC CASCADE REGION ■ 601 BOND RD ■ PO BOX 262 ■ CASTLE ROCK, WA 98611-0262
 TEL (360) 577-2025 ■ FAX (360) 770-4196 ■ TTY (360) 907-1125 ■ T41 711 ■ WWW.DNR.WA.GOV
 EQUAL OPPORTUNITY EMPLOYER

RECYCLED PAPER

Page 8 of 15

14215

[] There is no comment period for this Mitigated DNS.

[X] This MDNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 14 days from April 30, 2009. Comments must be submitted by May 14, 2009.

Responsible official: Julie Sackett

Position/title: Pacific Cascade Assistant Region Manager Phone: (360) 577-2025

Address: PO Box 280 Castle Rock, Washington 98611-0280

Date: 4/28/09

Signature Julie Sackett 

There is no agency SEPA appeal.



14215

Caring for
your natural resources
... now and forever

MITIGATED DETERMINATION OF NONSIGNIFICANCE

Description of proposal: Oceanspray Timber Sale, Agreement No. 30-084262 and Forest Practices Application No. 2919484. This is a variable retention harvest of 110 acres in 2 units, riparian management zone thinning of 15 acres, and wetland management zone thinning of 8 acres, with 5,368 feet of optional road construction, 7,784 feet of required pre-haul maintenance, and 3,968 feet of road abandonment.

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Lead agency: Department of Natural Resources

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PACIFIC CASCADE REGION ■ 601 BOND RD ■ PO BOX 280 ■ CASTLE ROCK, WA 98611-0280
TEL (360) 577-2025 ■ FAX (360) 274-4196 ■ TTY (360) 902-1125 ■ TRS 711 ■ WWW.DNR.WA.GOV
EQUAL OPPORTUNITY EMPLOYER

Page 10 of 15 

14215

[] There is no comment period for this Mitigated DNS.

[X] This MDNS is issued under 197-11-340(2); the lead agency will not act on this proposal for 14 days from April 30, 2009. Comments must be submitted by May 14, 2009.

Responsible official: Julie Sackett

Position/title: Pacific Cascade Assistant Region Manager Phone: (360) 577-2025

Address: PO Box 280 Castle Rock, Washington 98611-0280

Date 4/28/09

Signature Julie Sackett 

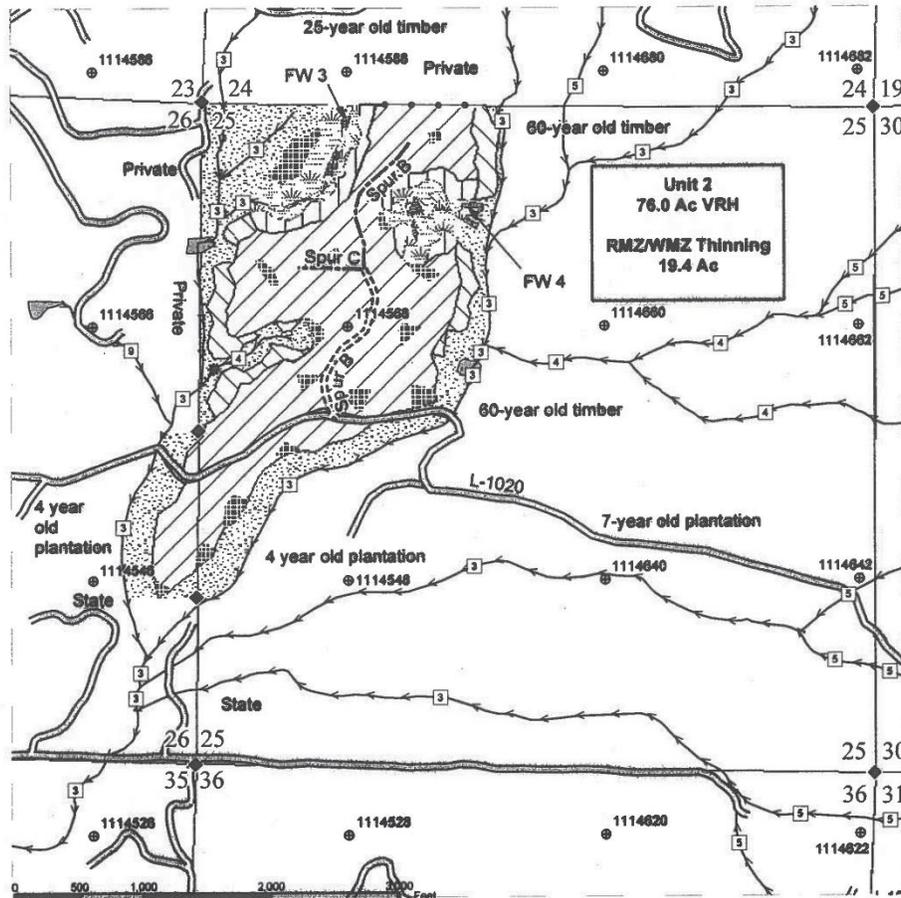
There is no agency SEPA appeal.

14215

FOREST PRACTICES ACTIVITY MAP

SALE NAME: OCEANSPRAY
APPLICATION #: 30-084262

COUNTY(S): CLARK
TOWNSHIP(S): T03R03E, T03R04E



Sale Area	Existing Roads	Streams
WMZ Thinning	New Construction	Stream Type
RMZ Thinning	Temporary Construction	Stream Break
Wetland Mgt Zone	Tics - 2000' Interval	Culvert
Riparian Management Zone	Rock Pit	Property Line (with Orange Banded Take Trees)
Leave Trees	Monumented Corner	Gate (PCP1-1)
Forested Wetland	Landing	Take/Removal Trees
Leave Trees		

Prepared By: sbr490

Creation Date: 2/26/2009

Modification Date: 4/8/2009

Page 12 of 15

Attachment

2



Washington State Department of
Natural Resources

NEPA Scoping Comments

for the

Bonneville Power Administration
I-5 Corridor Project

14215

Requests:

1. BPA agree that its actions and those of its contractors comply with RCW 76.04 and WAC 332-24.
2. BPA reimburse DNR for the full cost of suppressing any wildfires occurring on the BPA right-of-way or as a result of BPA operations in the area, regardless of cause.

Forest Practices

DNR's Forest Practices Program is responsible for the implementation of the state's Forest Practices Act and rules. The rules provide the framework for the protection of public resources and are a responsibility forest landowners, timber owners and operators have when conducting forest practices activities.

The Forest Practices rules and regulations provide cumulative protection to public resources. These resources include fish, water, wildlife and capital improvements of the state. The rules limit harvest adjacent to streams, wetlands and unstable slopes in addition to the construction and maintenance of roads. Maintaining long term large woody debris, shade producing tree species, bank stability and sediment filtering, collectively known as riparian function, immediately adjacent to fish bearing waters and perennial waters is extremely important. All forest landowners, timber owners and operators are required to follow the rules when conducting forest practices activities on forest land.

In 2002, DNR and BPA came to a common understanding regarding forest practices activities related to BPA's lines and those that would be constructed in the future. It is incumbent upon BPA to notify DNR Forest Practices when a particular proposal is going to take place within an area under BPA ownership. Absent BPA assertion of ownership, all Forest Practices obligations exist, which include obtaining an approved Forest Practices Application and complying with the rules. In this case the underlying landowner is ultimately responsible for the activities that take place on their property. This may include enforcement actions for activities that are conducted by another party, in this case a BPA contractor.

The Forest Practices program encourages BPA to be cognizant of these facts and make choices that do not have a negative impact on surrounding landowners.

Requests:

1. Agree to implement the 2002 agreement between DNR and BPA regarding forest practices.
OR
Agree to work with the neighboring landowners to obtain Forest Practices Applications and comply with the Forest Practices Act and rules.
2. Evaluate the project alternatives based on the impacts that they will have on Threatened and Endangered fish species, and water quality concerns.
3. Limit the impacts to potentially unstable slopes as defined in WAC 222-16-050(1)(d)(i).
4. BPA conduct an environmental analysis of the impacts to unstable slopes, riparian function and water quality for all stream crossings that will be impacted. A mitigation plan is provided for the project to specifically guide the removal and manipulation of vegetation near stream crossings.
5. BPA consider replacing existing tree species within the corridor with a species that will

December 10, 2009

Page 16 of 30

Page 15 of 15

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14216

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS) JOHN ORSANT

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14216-1 I LIVE AT
I LIVE ON TOP OF A RIDGE AND HAVE A VIEW
OF LONGVIEW KELSEY, CASTLE ROCK AND AS FAR
AS MOUNTAINS AT THE BEACH. I BELIEVE I
WILL HAVE TOWERS F28 THROUGH F33
AND LINES RIGHT IN ~~THE~~ MY VIEW. THIS
14216-2 WILL DESTROY THE VIEW AND VALUE OF MY
PROPERTY.



1 of 1

- 14216-1 The proposed line would be about 0.5 mile southwest of the commenter's location. If the project is built, the line may be visible from the commenter's home. Chapter 7, Visual Resources, acknowledges that visual resources important to communities, residents, and in natural areas would be affected, with low-to-high impacts. BPA has worked to minimize impacts to visual resources for the Preferred Alternative. Mitigation measures are provided in Chapter 3, Project Components and Construction, Operation, and Maintenance Activities; Chapter 7; and Appendix E.
- 14216-2 Please see the response to Comment 14140-2.

14222

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/06/2012 12:28 p.m.**

14222-1 My name is Robert Carlson. My phone number is . I received a packet from you in reference to the I-5 corridor reinforcement project. I own property in Castle Rock. I tried to play the CD that you guys sent me and it was blank. I'm trying to find out if the proposed route transverses my property or not. I have some other questions about this possibly. If somebody could call me at , I would appreciate it. I work second shift so I am available between the hours of 10 a.m. and 1 p.m. Monday through Friday. Thank you.

14223

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/06/2012 4:10 p.m.**

14223-1 Yes this is Randy Johnson. The contact is area code and this is in reference to the EIS in addition to the map was to have been sent to me approximately a week ago. My last contact was with Katy and she gave me this number to call. You can bet I would like to make certain that I do in fact get a copy of that EIS along with the map. Mailing address is . Again, to the attention of Randy Johnson. Thank you.

BPA I-5 Corridor Reinforcement Project**December 6, 2012****Draft EIS drop-in session, Amboy Middle School****Comment recorded by Luanna Grow on behalf of Howard Cook**

14230-1 Have you addressed how airplane flights out of Sutton Field going to the west would be impacted by the power lines? The US Forest Service uses this airport for helicopter use, so you should consult with them as well. Do you know whether these lines would impact Pileated Woodpeckers? There have been
14230-2 Woodpecker families in this area for a long time and I would like to continue to have them nearby.

- 14222-1 BPA sent a map of the commenter's property and project materials to the commenter.
- 14223-1 BPA sent a map and other project materials to the commenter.
- 14230-1 Though Sutton Field is not named in the EIS, BPA does acknowledge the presence of other private airports and airstrips operating in the Amboy area, which would include Sutton Field. Sutton Field is about 6.5 miles east of Segment 26; no impacts would occur. It is also about 1.5 miles west of Segment 28, which is part of the Preferred Alternative. Planes landing from or taking off to the east would be closer to the transmission line.

As part of the transmission line design process, BPA would comply with FAA procedures. According to FAR 49 CFR Part 77.13, the FAA requires BPA to submit its designs for FAA approval if a proposed structure is taller than 200 feet from the ground, or water surface where the line crosses a body of water, if a conductor is 200 feet above the ground or water surface where the line crosses a body of water, or if any part of the proposed transmission line or its structure are within a prescribed distance of an airport. According to FAR 49 CFR Part 77.17, BPA must submit Form 7460-1 (Notice of Proposed Construction or Alteration) for a preliminary transmission line design and receive conditional approval at least 30 days before construction. The FAA would then conduct its own study of the project and make recommendations to BPA for airway marking and lighting. General BPA policy is to follow FAA recommendations (see Chapter 12, Transportation). BPA would coordinate with the FAA and provide information to the FAA to aid in its review process.

- 14230-2 Pileated woodpecker is considered a special status specie and is described in Chapter 18, Wildlife. Potential habitat for pileated woodpecker primarily includes old-growth/mature forest (including forested freshwater wetlands and forested riparian areas), although it may also include younger forests and Oregon white oak woodlands for foraging habitat if snags are present. There is one documented occurrence of pileated woodpecker in the study area within 1 mile of the West and Crossover alternatives where they cross forested freshwater wetlands. Of course, local knowledge, such as that provided by the commenter, would likely document more occurrences in the project area. Impacts to this specie could include habitat loss from right-of-way tree clearing, towers, and access roads; mortality from collisions with transmission lines, and temporary construction disturbance. Mitigation measures would be used to avoid harm to a nest or young during the breeding season, if necessary. Since the conservation status is apparently secure at the state level and secure at the federal level (NatureServe 2012), and since not many individuals would likely be affected based on just one documented occurrence, impacts would not contribute to a need for federal listing and would be moderate.

From: D+L Studebaker
Sent: Saturday, December 08, 2012 5:50 PM
To: BPA I-5 Corridor Reinforcement Project
Cc:
Subject: Segment F - BPA Corridor Reinforcement Project

14231

Response to Preferred Alternative and request for comments:

I have two significant concerns regarding the placement of segment F of the Corridor Reinforcement Project:

14231-1 1) In promoting the preferred alternative, BPA indicates that re-use of an existing right-of-way invites multiple failures due to close proximity of the existing and new power lines. BPA should produce evidence - repair data, statistics - to support this claim. The implication is that many or most failures are 'local severe weather' related, for example ice or wind, and would therefore down multiple power lines using the same right-of-way. If this is in fact the case, there should be ample historical data to support the BPA position. On the other hand, if failures are mostly related to equipment age, defects or just weather in general, these failures will not be increased by sharing an existing right-of-way. For example if 90% of line failures are 'severe local weather' related, it may make more sense to create new right-of-way to reduce the risk of multiple lines down due to a single local weather event. If 10% of failures are 'severe local weather' related, the benefit of new right-of-way is probably not worth the additional investment.

Since the existing right-of-ways are already cleared and available, they must lead to lower costs for the corridor reinforcement project. As ratepayers, the public will underwrite the cost of the corridor reinforcement project. As part of the justification for acquisition and clearing of new right-of-way, we the ratepayers are entitled to require BPA to show quantitatively, with existing data, that the resulting power grid will be more reliable if placed in the new right-of-way vs. placement in the existing right-of-way.

Also, since segment F is at a higher elevation than existing right-of-way, close to 1000 feet, it is subject to more weather extremes. BPA must consider the effects of the higher elevation on the reliability of segment F.

14231-2 2) The placement of segment F seems somewhat arbitrary relative to existing homes. For example, there are many older homes along Fir Lane that appear to be needlessly impacted; if the line could be moved a couple thousand feet east it would impact fewer homes. There is a 'kink' in segment F near Headquarters Road; what is the purpose of this 'kink'?

14231-4 Many newer homes were not visible on Google maps when BPA chose the route; reviewing the route with the latest imagery indicates new development that is being impacted by decisions made using older imagery. BPA should review the route using the latest imagery and attempt to minimize needless impact on existing rural homes.

14231-5 I am confining my comments to segment F since that is the segment closest to me; however the above concerns are likely to apply to many new segments. I sincerely hope BPA will accept these and other inputs with the intent of action. I look forward to observing evidence that BPA is working to mitigate concerns raised during this comment period.

14231-6

Sincerely,

Lawrence Studebaker

- 14231-1 BPA considered many factors in addition to multiple line outages, as described in Chapter 2, Facility Siting, Route Segments, and Action Alternatives, to identify its Preferred Alternative. Please see the response to Comment 14110-1. Multiple line outages can be caused by weather extremes, wildfires, planes flying into conductors, terrorism, etc.
- 14231-2 Please see the response to Comment 14097-1.
- 14231-3 Segment F was located, including the "kink," to minimize impacts to existing homes, use large timber company properties as much as possible, use existing roads, and take terrain into account so as to minimize impacts to logging operations. Information was gathered from aerial photographs, and trips to and flights over the area.
- 14231-4 The latest aerial imagery used to aid in the design process was flown in May 2014.
- 14231-5 Comment noted.
- 14231-6 BPA has conducted an extensive public involvement process during this multi-year project. Based on this public input and conversations with directly-impacted landowners, BPA has made many changes to its originally proposed design. Mitigation measures in Chapter 3, Project Components and Construction, Operation, and Maintenance Activities, have been identified as part of the design. Additional mitigation measures are recommended in Chapter 5 through 22.

BPA I-5 Corridor Reinforcement Project Voicemail

Received: 12/11/2012 8:59 a.m.

14234-1

Hi my name is Brenda Werner. I live at . I would just like to speak with somebody in regards to going over the map and just how close they are as far as to my property. Okay, if you could give me a call . Appreciate it, thank you very much, bye.

14236

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

**BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form**

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Name (will be included with your comment in the final EIS) Tracey D. Courney

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14236-1

Key Road on Castle Rock (google map)
is in the wrong place -
(it's over my neighbors
drive way behind
me) & not in
front of my
house as it should
be.



- 14234-1 BPA attempted to call the commenter multiple times, but was unable to contact this person. BPA left a voicemail message asking the commenter to contact BPA again and specify a time when she is available to discuss her questions.
- 14236-1 Thank you for this information. BPA used Google Maps as the base map for the interactive map and it appears Key Road is incorrect in their database.

14237

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) m.w. Hubbard

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14237-1

Active + Productive Eagle Nest within 900' of Spirit Lake Hwy.



1 of 1

14237-1 Thank you for this additional information.

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) JOHN ORSAHC

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14238-1 | IF THIS POWERLINE WILL DESTROY MY VIEW
 14238-2 | AND VALUE OF MY PROPERTY. I WOULD HAVE
ANY ENGINEER TO LOOK AT THE VIEW AND
SHOW THE DAMAGE



14238-1 Please see the response to Comment 14216-1.

14238-2 Please see the response to Comment 14140-2.

14239

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) JOHN ORSALC

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14239-1

I LIVE AT
I LIVE ON TOP OF A RIDGE AND HAVE A VIEW
OF LONGVIEW KESLO, CASTLE ROCK AND AS FAR
AS MOUNTAINS AT THE BEACH. I BELIEVE I
WILL HAVE TOWERS I-28 THROUGH I-33
AND LINES RIGHT IN ~~THE~~ MY VIEW. THIS
WILL DESTROY THE VIEW AND VALUE OF MY
PROPERTY.

14239-2



1 of 1

14239-1 Please see the response to Comment 14216-1.

14239-2 Please see the response to Comment 14140-2.

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS)

Elizabeth Winer (Mocammon)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14240-1

I would like someone to come out and physically show me where this will impact my property and how it will affect the value of my home.



- 14240-1 BPA called the commenter and left several voicemail messages to discuss arranging a site visit.

The commenter's property is about one-quarter mile east of the proposed transmission line right-of-way and is not crossed by the right-of-way or access roads. There would be no direct impacts from the project. Section 11.2.2.5, Property Values, describes the results of property value studies done by BPA and others.

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Kent Burns

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14241-1

How can you violate The RMZ Laws, Are you
above the Law? We will you fight you to the

14241-2

End !!



- 14241-1 Section 28.2.9, Washington's Forest Practice Act and Rules, discusses how BPA would cooperate with state or private landowners where alternatives cross lands managed for forest or timber governed under the Forest Practices Act and Rules. To ensure safe operation of the transmission line, trees would need to be removed within and outside of the existing and planned right-of-way (danger trees); some of which would be in Riparian Management Zones regulated by Forest Practices. BPA continues to work closely with WDNR, the Services, the Corps of Engineers, Ecology, and other state and local agencies and private landowners to identify the types and amounts of trees that would need to be removed and how placement of right-of-way, towers, and roads would minimize interference with existing and planned timber harvests and practices. BPA also continues to work closely with these stakeholders to develop mitigation for the removal of trees in riparian zones and in uplands.
- 14241-2 Comment noted.

14242

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form



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Name (will be included with your comment in the final EIS) Kent Burns

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

When the forest fire starts on the
BPA line, can we hold you liable?
This line will open up the forest
to a huge fire!! IT will happen!!
People will die due to the BPA!

14242-1



1 of 1

- 14242-1 Chapter 10, Health and Safety, discusses fire hazards and steps BPA takes to prevent fires. BPA construction and maintenance staff carry fire suppression equipment. Rights-of-way and access roads are cleared and maintained to prevent fires and can be used as fire breaks. Because of the fire suppression steps BPA takes during and after construction, the risk of fire is low. BPA is a federal agency within the United States Department of Energy. The United States is responsible for damage or injury caused by a negligent act or omission of a BPA employee to the extent allowed by the Federal Tort Claims Act, 28 USC 2671.

14243

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14243-1

[Near towers 18/22, there is an existing road easement that goes off NE Tie Pond Rd that would work better than proposed access roads.] - written by Seth Baker for Dick Easter.

Dick Easter



1 of 1

14243-1 Please see the response to Comment 14119-2.

14244

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Richard Davis

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14244-1

Tower Locations 10/29
10/28
10/27

And access rd to these 3 towers

Current locations not possible due to wetland issues!

SB: submitted questions earlier but never received response. Please follow up with phone/site visit.



1 of 1

14244-1 Please see the response to Comment 14119-2.

14245

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
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Name (will be included with your comment in the final EIS) Trent Spolar

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14245-1

See map for centerline adjustment -
Cross Rock Creek at 90° angle from tower
V/21 to avoid property.

14245-2

254th St in Yacolt, WA will need improvements.



1 of 3

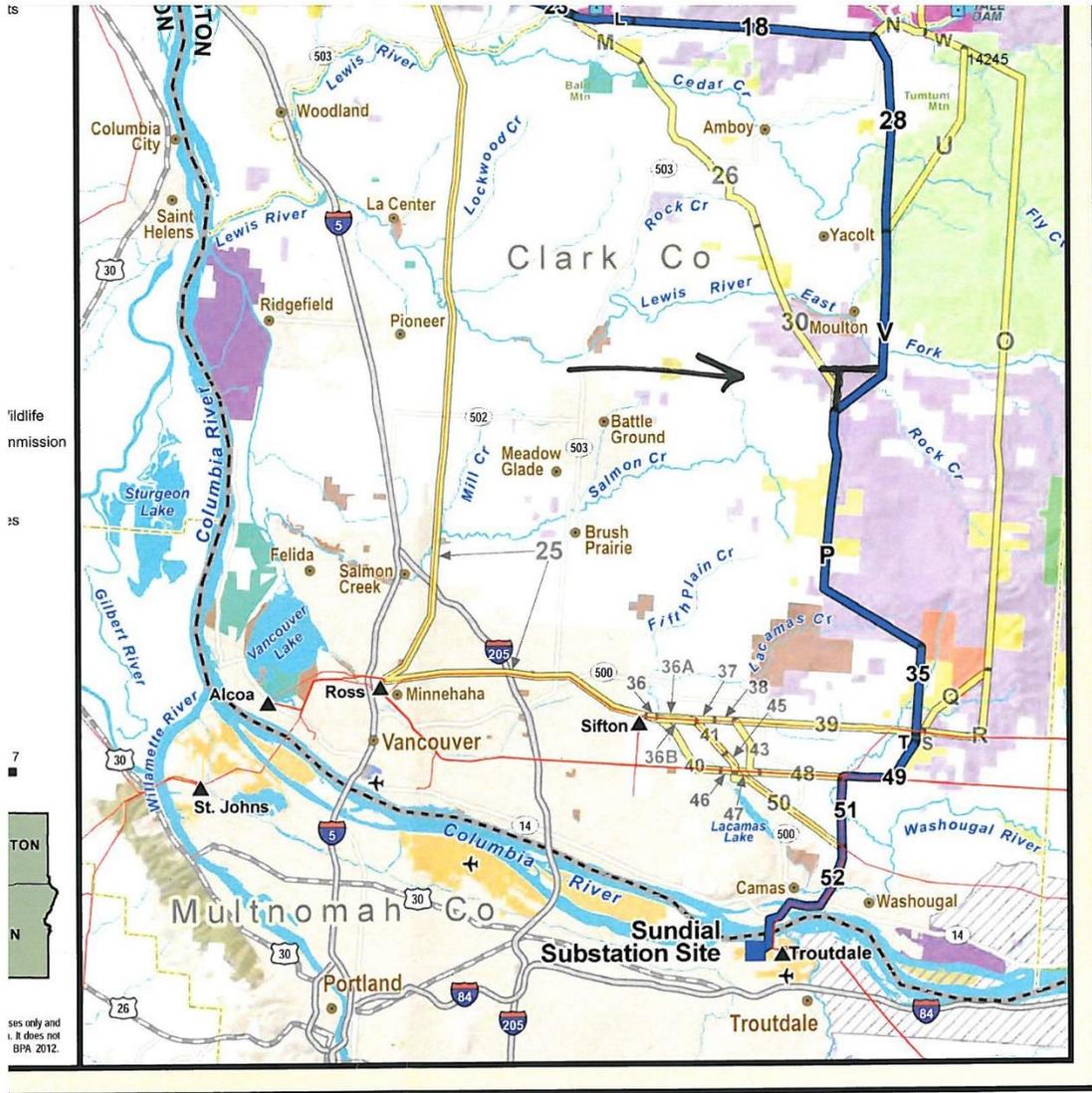
14245-1 Please see the response to Comment 14097-1.

14245-2 Please see the response to Comment 14119-2.

14245-3 | ~~move tower~~ V/21 move line at right angle across Rock Creek, 19245



14245-3 Please see the response to Comment 14097-1.



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14246

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Helen Sudbeck

Address _____

Please add me to the mailing list

Please remove me from the mailing list

on list now
Comments:

14246-1 Tower 52/b → access road - why does it
52
need to be put in so far to the east w/
the power lines so close to LeBrun?

14246-2 Better roads into that private property/
green space invites more transits than
we already have coming into that space
Why can't you put in a short access rd from LeBrun
Rd rather than the longer access Rd from 3rd
St. This would keep the trucks out of the
residential area.



- 14246-1 Please see the response to Comment 14119-2.
- 14246-2 Section 5.2.2.2, Operation and Maintenance, discusses unauthorized access. Section 5.2.8, Recommended Mitigation Measures, addresses working with landowners to control unauthorized public access.

Contact: DICK EASTER

Phone:

Address:

Segment: 18

Comment:

14247-1 | **Near towers 18/22, there is an existing road easement that goes off NE Tie Pond Rd that would work better than proposed access roads.**

14247-1 Please see the response to Comment 14119-2.

14249

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
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Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

Access roads off Kascillah Dr. are still showing as viable. I was told by BPA that since Kascillah is a private road those access roads would be eliminated. Justin Benham in

14249-1

I'm not looking for "Herbaceous upland" but want confirmation these access roads are no longer being considered.



1 of 1

14249-1 Please see the response to Comment 14119-2.

Mr. Johnson,

This is a followup for our 12-06-12 discussion about the I-5 Corridor DEIS of November 2012.

14253-1 | On the subject of difficulty for a user to find all pertinent references to my landowner properties among the many maps and subjects of the 2000+ pages of the DEIS, you very helpfully suggested that, if I send you our property descriptions (on the Centralalternative) you will send me useful information and/or references.

14253-2 | Attached is a memo, titled REVESZ AND WITTER FAMILIES FOREST PROPERTIES and two BPA aerial photos marked up to show the families' forest properties impacted by Segments 18 and 28 of the Central Alternative. PLEASE NOTE: Because of computer problems, the last attachment is the actual transmittal document for the two aerial photos. Please accept my apologies for your inconvenience in downloading this e-mail. I AM SENDING A HARD COPY BY US MAIL just to make sure.

Thanks and best regards

Peter T. Revesz

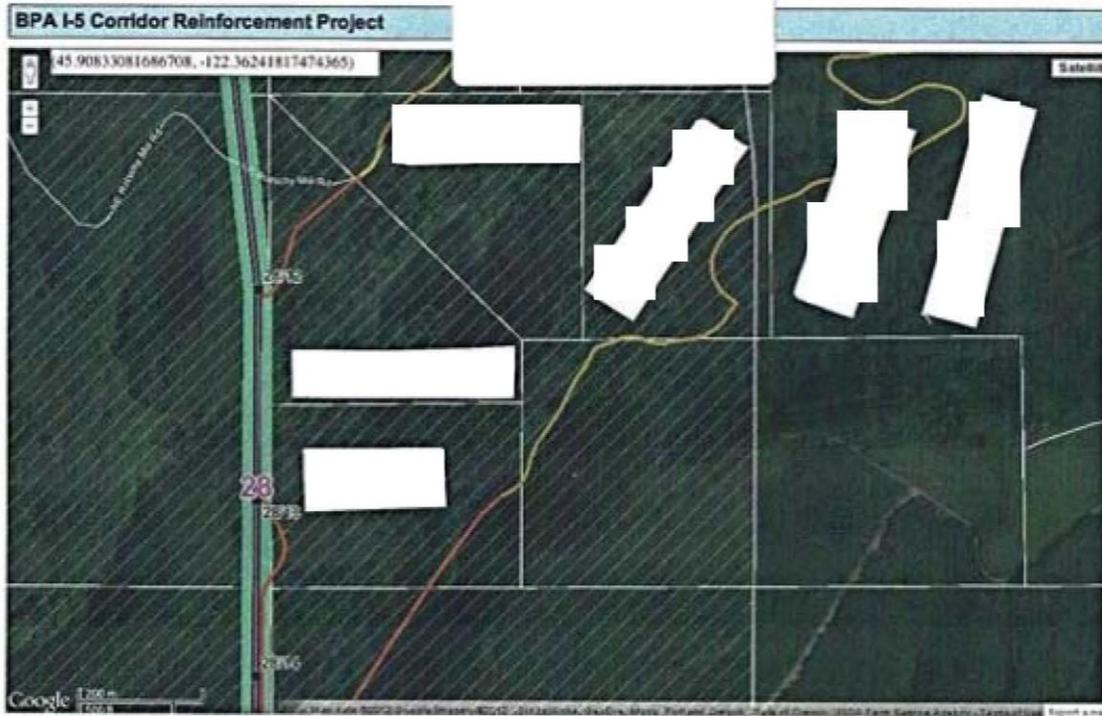
ATTACHMENTS

14253-1 BPA contacted the commenters and provided additional information about their property in relation to the Preferred Alternative and pertinent sections of the EIS.

14253-2 Comment noted.

14253

Witter & Revesz



Witter & Revesz

Attachment A



14253

**REVESZ AND WITTER FAMILIES FOREST PROPERTIES
BPA I-5 CORRIDOR DEIS CENTRAL ROUTE ALTERNATIVE
December 10, 2012**

Route 18. Towers 9,10,11,12,13,14,15 and Access Roads

LOCATION OF FOREST PROPERTY:

SE

See Attachment A

OWNERSHIPS: For reference of Owners to their respective Lot ownerships see Attachment A showing the Property Lots and the owners' initials.

Patricia Lee Witter (PLW) aka: Witter-Kahn, Lee aka: Von Hohenbalken, Patricia L.
Mailing Address: :

Jane M. Revesz (JMR)

Mailing Address:

Leslie Lounsbury and E. Gregory Brady (LL&EGB)

Mailing Address:

ROUTE 28. Towers 11,12,13,14 and Access Roads

LOCATION OF FOREST PROPERTY:

See Attachment B.

OWNERSHIPS: For reference of Owners to their respective Lot Ownerships see Attachments B showing the Property Lots and the owners' initials.

Patricia Lee Witter (PLW) aka: Witter-Kahn, Lee aka: Von Hohenbalken, Patricia L.
Mailing address:

Jane M. Revesz (JMR)

Mailing Address:

P. J. REVESZ & CO. (PJR&C)

Mailing Address:

BPA Witter & Revesz Dunegan 3

SEE CORRECTED ATTACHMENT
SUBMITTED 12/16/2012

14567_attachment

**REVESZ AND WITTER FAMILIES FOREST PROPERTIES
BPA I-5 CORRIDOR DEIS CENTRAL ROUTE ALTERNATIVE
CORRECTED ISSUE December 16, 2012**

CORRECTED Route 18, Towers 28,29,30,31,32 and Access Roads

LOCATION OF FOREST PROPERTY:

See Attachment A

OWNERSHIPS: For reference of Owners to their respective Lot ownerships see Attachment A showing the Property Lots and the owners' initials.

Patricia Lee Witter (PLW) aka: Witter-Kahn, Lee aka: Von Hohenbalken, Patricia L.
Mailing Address:

Jane M. Revesz (JMR)
Mailing Address:

Leslie Lounsbury and E. Gregory Brady (LL&EGB)
Mailing Address:

CORRECTED ROUTE 28, Towers 10,11,12,13,14 and Access Roads

LOCATION OF FOREST PROPERTY:

See Attachment B.

OWNERSHIPS: For reference of Owners to their respective Lot Ownerships see Attachments B showing the Property Lots and the owners' initials.

Patricia Lee Witter (PLW) aka: Witter-Kahn, Lee aka: Von Hohenbalken, Patricia L.
Mailing address:

Jane M. Revesz (JMR)
Mailing Address:

P. J. REVESZ & CO. (PJR&C)
Mailing Address:

14254

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

Rick Safranski

Mark Korseness

14254-1

North part of segment 28 (28-10, 11, 12, 13)

Can you stay on property line @ 28-10 and 28-11



1 of 1

14254-1 Please see the response to Comment 14097-1.

From: Art Martin
Sent: Tuesday, November 20, 2012 9:24 AM
To: Korsness,Mark A (BPA) - TEP-TPP-3; Wittpenn,Nancy A (BPA) - KEC-4
Cc: Susan Barnes
Subject: ODFW contacts for the I-5 Reinforcement Project

14257

Good morning,

14257-1

I'm ODFW's new Energy and NRDA coordinator (that is terrestrial renewables, transmission, and LNG). It is my job, in part, to help make sure ODFW staff are aware of and providing technical assistance as needed on transmission line projects in Oregon that could affect fish, wildlife, and their habitats. I met with your colleagues on the PDCI Upgrade Project yesterday; Erich Orth, Doug Corkran and Claire McClory and am trying to come up to speed on various transmission projects which are in the planning phase, construction, or about to enter the planning phase and make sure our staff are aware of them and providing input as needed. Susan Barnes from our NW Regional Office is also serving a coordination role on energy development which is occurring within or across our NW Regional area. Could you please add Susan and me to your contact lists for the I-5 Reinforcement Project and any other transmission projects you are involved with in NW Oregon? I recently received hard copy project information which was addressed to Rose Owens at ODFW who is no longer working for ODFW. You should go ahead and replace Rose's contact info with mine on any general project notification lists as well.

Susan's contact info is:

Susan Barnes
Regional Conservation Biologist
Northwest Region
Oregon Department of Fish and Wildlife

Thanks!

Art Martin
Energy and NRDA Coordinator
Wildlife Division
Oregon Dept. of Fish and Wildlife

14257-1 BPA made the suggested changes to the project mailing list.

14263

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Noreen Hicks

Address _____

Please add me to the mailing list Please remove me from the mailing list

Comments:

14263-1 We're interested in buying 20 acre property with house facing south at Our concern is being able to see tower no's at on segment 28, number 23 + 24, and 21 + 22, 17 + 18 + 19. So towers 23 + 24, are due east of us viewed from our driveway. Whether evergreen trees block out the view of towers are our concern.

14263-2 As we look left through deciduous trees we can see a ridge, and wonder if towers listed can be seen along there. If so it will devalue the property.

14263-3 We also understand that our road will be used while construction is in progress, and then later when it is completed to do maintenance on the towers. What time of day or night will road be used, and helicopters for delivering supplies? In our neighborhood when do you plan to do the construction - the highest traffic?



- 14263-1 Towers 28/23 and 28/24 are a little less than 1 mile east of the property of interest. The other towers would be even farther away. The ridge and trees would be between the house and the proposed transmission line. It is unlikely the commenter would be able to see the towers from the house.
- 14263-2 Please see the response to Comment 14140-2.
- 14263-3 BPA contacted the commenter to discuss her concerns and answer her questions. Please see the response to Comment 14119-2. If BPA decides to build the proposed project, BPA would notify landowners in advance about the construction schedule.

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
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Name (will be included with your comment in the final EIS) Phillip Hicks

Address _____
 Please add me to the mailing list Please remove me from the mailing list

Comments:

use the west line proposal,
BPA already has the right of
way next to the existing
power lines along I-5.
on this option property owners
own small parcels of land and
can be completely bought out
on central line proposal.
large acreage, farms, and parcels
of land will be partially ~~ceased~~
taken under ~~the~~ eminent domain

14264-1



14264-1 Comment noted.

14264-1

Leaving Part of the Property
Devalued, worthless, not sellable
Because of the closeness of
the power lines.

Thank you for taking the time to give us your thoughts and help shape the future of this project. You are welcome to include additional pages as needed.

Forms and comments may be submitted in these formats:

Mail
I-5 Corridor Reinforcement Project
PO Box 9250
Portland, OR 97207

Email
I-5@bpa.gov

Phone
800-230-6593 (voice mail)

Fax
888-315-4503

Online
www.bpa.gov/goto/i-5

At public meetings
Place completed form in a comment box or give to a staff member

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~~Private~~

14265

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Kent Burns

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

Has the BPA studied the potential of forest fire due to line construction?

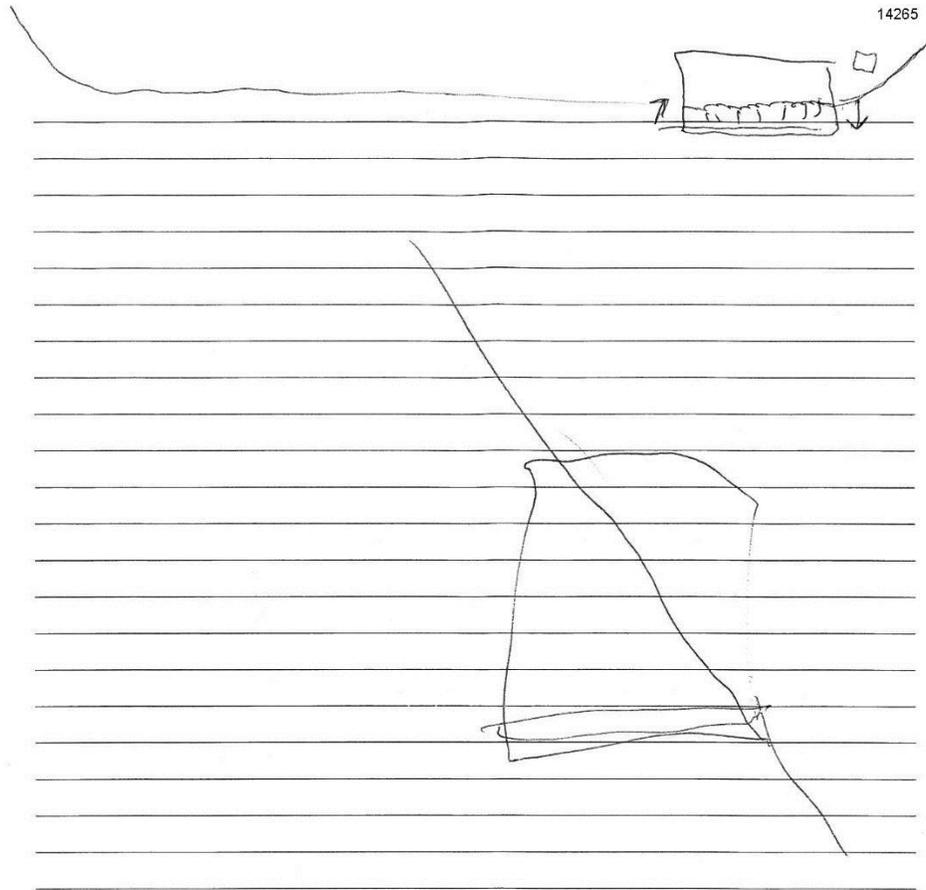
14265-1

There will be a catastrophic fire due to this project. People will ~~to~~ suffer loss of property + life due to the BPA!



1 of 2

14265-1 Please see the response to Comment 14242-1.



Thank you for taking the time to give us your thoughts and help shape the future of this project. You are welcome to include additional pages as needed.

Forms and comments may be submitted in these formats:

Mail
I-5 Corridor Reinforcement Project
PO Box 9250
Portland, OR 97207

Email
I-5@bpa.gov

Phone
800-230-6593 (voice mail)

Fax
888-315-4503

Online
www.bpa.gov/goto/i-5

At public meetings
Place completed form in a comment box or give to a staff member

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14266

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS)

Jane Revesz

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14266-1

Is there a section in the EIS or elsewhere that explains in detail why the data in the EIS supports the selection of the preferred alternative?



1 of 1

14266-1 Tables 4-9, Comparison of Alternatives to Project Purposes, 4-10, Summary of Environmental Impacts by Alternative, and 4-11, Summary of Environmental Impacts by Substation, are comprehensive summary tables of information that compare the alternatives. These tables are a summary of the research, evaluation and analysis in the Final EIS and Appendices. To better understand how BPA reached these summary conclusions, please review the relevant chapters and their supporting documents.

See also the response to Comment 14110-1.

14268

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Vic VASKOGLIS

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14268-1 1. Use your own right-of-way.
2. If you must, do not site the line near Tum Tum mountain. Reind an alternative route other than line 18.

14268-2 3. I refuse to pay \$80+ million dollars for this stupidity.



1 of 1

- 14268-1 The EIS evaluated a range of reasonable alternatives from locating a new transmission line on existing right-of-way through more populated areas to locating the new line on large tracts of public land and private land owned by large timber companies. Identification of a Preferred Alternative considered factors such as population growth, natural resources, use of existing right-of-way, design, and other criteria (see Chapter 2). The Preferred Alternative does use Segment 18, which is located mostly on public lands and parallels an existing transmission line for most of its length. The Preferred Alternative does avoid Tum Tum Mountain and is more than 1-1/2 miles west of this land feature.
- 14268-2 Comment noted.

14280

BPA I-5 Corridor Reinforcement Project Voicemail
Received 12/20/2012 9:22 a.m.

14280-1 | Yes, this is Judith Hillis. My number is Again, Judith Hillis, and I am calling regarding getting a copy, a hard copy, of the draft EIS for the I-5 Corridor Project. Again, real quick, . Thank you.

14281

BPA I-5 Corridor Reinforcement Project Voicemail
Received 12/19/2012 11:09 a.m.

14281-1 | Hello, my name is Joanne McKee and I have an address change and a phone number change. But I receive two mailings each time. One is under the Cressie E Dahlquist trustee address and the other one I receive is Joanne McKee. I get two different mailings. It should be under the Cressie E Dahlquist trustee only. And, my address has changed from to . My phone number now is . .. That's Joanne McKee. I'm receiving two mailings. I only need one and I have a new address and phone number. Thank you.

14280-1 BPA sent a hard copy of the Draft EIS to the commenter.

14281-1 BPA adjusted the mailing list as requested.

14282_petition

Please acknowledge receipt of this petition and publish the same as a general comment on the project website and records.

BPA, choose the West Alternative!

Bonneville Power Administration intends to build a new 500 kV transmission corridor, known as the I-5 Corridor Reinforcement Project, through Clark and Cowlitz Counties. Other routes have been considered and rejected by BPA. Our goal is to minimize the impact this project will have on private landowners by advocating a route that takes the least amount of private land. The West Alternative is the route that accomplishes this goal. The issues are:

14282-1

- 1. Landowner Rights:** According to the data BPA recently released, BPA would need to acquire an estimated **94 acres** of private land along the **EDGES** of its existing right-of-way, the West Alternative. In contrast, where BPA owns no existing right-of-way, up to an estimated **1,055 acres** would be taken **THROUGH** new private land.
- 2. Cost:** According to BPA's estimate, up to **90 million more dollars** will be spent to build on any route other than the West Alternative.
- 3. Environmental Impact:** There is minimal damage to the environment by using the BPA-owned West Alternative, an existing transmission corridor with a 70-year history. Any other alternative would consume up to an estimated **1,291 acres** of new private and public land with many new river and stream crossings in areas that are home to threatened and endangered species.

We ask BPA to recognize these facts concerning the impact a new transmission corridor would have on rural homeowners, private land and landowner rights, the scenic areas that would be permanently damaged, and the productive timberland that would be forever lost. We ask you to choose the route that takes the least amount of private acreage, the West Alternative.

Name	Address	Date
Sign: <i>Maura Quilly</i>		
Print: MAURA QUILLY		
Sign: <i>Ray Quilling</i>		
Print: Raymond J. Quilling		
Sign: <i>Alice Giese</i>		
Print: Alice Giese		
Sign: <i>Lee Witter</i>		
Print: LEE WITTER		
Sign: <i>Harry S Kruger</i>		
Print: Harry S Kruger		
Sign: <i>Sandra Revesz</i>		
Print: Sandra Revesz		

1 of 53

14282-1 The EIS evaluated a range of reasonable alternatives from locating a new transmission line on existing right-of-way through more populated areas to locating the new line on large tracts of public land and private land owned by large timber companies. While the Preferred Alternative does cross some rural private lots on new right-of-way, most of the Preferred Alternative crosses public and large landowner private lands. Identification of a Preferred Alternative considers many factors such as land use/ownership, natural resources, use of existing right-of-way, design, and other criteria as described in Chapter 2, Facility Siting, Route Segments, and Action Alternatives. Please also see BPA's Issue Brief on how route options are evaluated and decisions are made at: http://www.bpa.gov/Projects/Projects/I-5/2012documents/How_route_options_are_evaluated_and_decisions_are_made.pdf.

14282_petition

Please acknowledge receipt of this petition and publish the same as a general comment on the project website and records.

BPA, choose the West Alternative!

Bonneville Power Administration intends to build a new 500 kV transmission corridor, known as the I-5 Corridor Reinforcement Project, through Clark and Cowlitz Counties. Other routes have been considered and rejected by BPA. Our goal is to minimize the impact this project will have on private landowners by advocating a route that takes the least amount of private land. The West Alternative is the route that accomplishes this goal. The issues are:

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2. **Cost:** According to BPA's estimate, up to **90 million more dollars** will be spent to build on any route other than the West Alternative.
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Name	Address	Date
Sign: <i>Patricia J. Olson</i>		
Print: Patricia J. Olson		
Sign: <i>Shelley Keen</i>		
Print: SHELLEY KEEN		
Sign: <i>Sandi Higgins</i>		
Print: Sandi Higgins		
Sign: <i>Carla M. Hammer</i>		
Print: Carla M. Hammer		
Sign: <i>Lucy Shafir</i>		
Print: Lucy Shafir		
Sign: <i>Mary Dunn</i>		
Print: Mary Dunn		

2 of 53

14282_petition

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Print:	Patricia J. Olson		
Sign:	<i>Tristan Polcovec</i>		
Print:	Tristan Polcovec		
Sign:	<i>Marie-France Greuter</i>		
Print:	Marie-France Greuter		
Sign:			
Print:			
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Name	Address	Date
Sign: <u>Helen Burns</u>		
Print: <u>Helen Burns</u>		
Sign: <u>Trevor Levanen</u>		
Print: <u>Trevor Levanen</u>		
Sign: <u>Sherry Joy</u>		
Print: <u>Sherry Joy</u>		
Sign: <u>Sandra E. Ferneding</u>		
Print: <u>Sandra Ferneding</u>		
Sign: <u>Charlie Dombrowski</u>		
Print: <u>Charlie Dombrowski</u>		
Sign: <u>Shelley Keen</u>		
Print: <u>SHELLEY KEEN</u>		

4 of 53

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Print: <u>Jim Malinowski</u>		
Sign: <u>John T. Revesz</u>		
Print: <u>John T. Revesz</u>		
Sign: <u>Jane M. Revesz</u>		
Print: <u>Jane M. Revesz</u>		
Sign: <u>Roger Briggs</u>		
Print: <u>Roger Briggs</u>		
Sign: <u>Joe Collins</u>		
Print: <u>Joe Collins</u>		
Sign: <u>Kent Burns</u>		
Print: <u>Kent Burns</u>		

5 of 53

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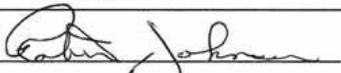
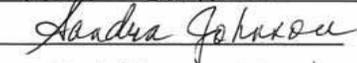
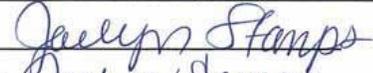
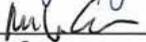
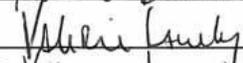
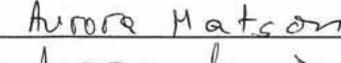
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Name	Address	Date
Sign: 		
Print: Robert Johnson		
Sign: 		
Print: SANDRA JOHNSON		
Sign: 		
Print: Jacquyn Stamps		
Sign: 		
Print: Ron G. Endres		
Sign: 		
Print: VALERIE LAVELY		
Sign: 		
Print: Aurora Matson		

6 of 53

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Name	Address	Date
Sign: <u>John D Cordon</u>		
Print: <u>John D Cordon</u>		
Sign: <u>Michelle Tribe</u>		
Print: <u>Michelle Tribe</u>		
Sign: <u>Chris Godwin</u>		
Print: <u>Chris Godwin</u>		
Sign: <u>Eric Munnlach</u>		
Print: <u>Eric Munnlach</u>		
Sign: <u>Michelle Millar</u>		
Print: <u>Michelle Millar</u>		
Sign: <u>Paul A Trullinger</u>		
Print: <u>Paul A. TRULLINGER</u>		

7 of 53

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Name	Address	Date
Sign: <i>Lawrence Kajava</i>		7-15-12
Print: Lawrence Kajava		
Sign:		
Print: <i>Arthur C. Wondruslich</i>		
Sign: <i>Arthur C. Wondruslich</i>		
Print: <i>Judith Heffner</i>		
Sign: <i>Judith Heffner</i>		
Print: <i>Gabriella Rivas</i>		
Sign: <i>John De</i>		
Print:		
Sign: <i>Kira A. Sunderland</i>		
Print: <i>Kira A. SUNDERLAND</i>		

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Name	Address	Date
Sign: <i>William F. Hara</i>		
Print: WILLIAM F. HARA		
Sign: <i>Richard Cooper</i>		
Print: RICHARD COOPER		
Sign: <i>Amber Johnston</i>		
Print: Amber Johnston		7/15/12
Sign: <i>Dennis Caldwell</i>		
Print: DENNIS CALDWELL		
Sign: <i>Jim Morris</i>		
Print: JIM MORRIS		
Sign: <i>August T. Swenson</i>		
Print: AUGUST T. SWENSON		

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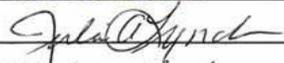
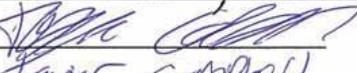
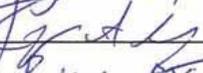
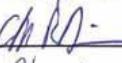
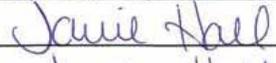
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Name	Address	Date
Sign: 		7/14/12
Print: Joshua Nault		
Sign: 		7/14/12
Print: Julie A. Lynch		
Sign: 		
Print: Taylor Campbell		
Sign: 		
Print: Ryan Kayer		
Sign: 		
Print: Charles Dickson		
Sign: 		
Print: Jamie Hall		

10 of 53

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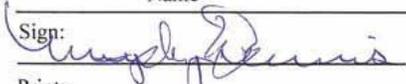
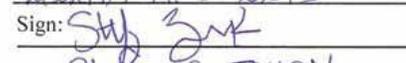
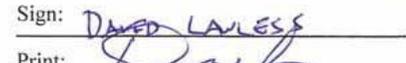
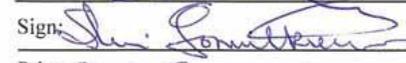
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Name	Address	Date
Sign:  Print: MURPHY L. DENNIS		7-14-12
Sign:  Print: Stefanie Zurek		7/14
Sign: Katie Print: Katie Tacke		7/14
Sign:  Print: David Laless		7/14/12
Sign:  Print: Sheri Gornikiewicz		7/14 2012
Sign:  Print: Areta Audrey		7/14/12

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Name	Address	Date
Sign: <u>Deborah Oja</u>		
Print: <u>Deborah Oja</u>		<u>7/10/12</u>
Sign: <u>[Signature]</u>		
Print: <u>MICK OJAL</u>		<u>7/10/12</u>
Sign: <u>Gabriel P. Lutz</u>		
Print:		
Sign: <u>[Signature]</u>		<u>7/10/12</u>
Print: <u>William J. Coyle</u>		
Sign: <u>[Signature]</u>		
Print: <u>Andrew H. Poole</u>		
Sign: <u>[Signature]</u>		
Print: <u>Christa L. Cummings</u>		

12 of 53

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Sign: <u>Adam</u> Print: <u>ADAM SANBURN</u>		7-15-12
Sign: <u>J. Villegas</u> Print: <u>Jennifer Villegas</u>		7-15-12
Sign: <u>Carol Bartholomew</u> Print: <u>Carol Bartholomew</u>		7-15-12
Sign: <u>Jennifer Whitson</u> Print: <u>Jennifer Whitson</u>		7-15-12
Sign: <u>Linda M. Lube</u> Print: <u>Linda m. Lube</u>		
Sign: <u>Marty Thomas</u> Print: <u>Marty Thomas</u>		

13 of 53

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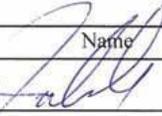
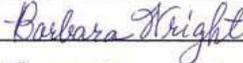
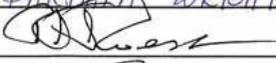
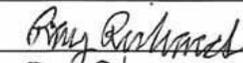
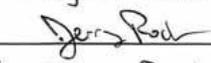
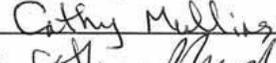
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	Name	Address	Date
Sign:			
Print:	John W Cole		7-14-12
Sign:			
Print:	BARBARA WRIGHT		7-14-12
Sign:			
Print:	P. T. REVESZ		7-14-12
Sign:			
Print:	Ray Richards		7-14-12
Sign:			
Print:	Jerry Rock		
Sign:			
Print:	Cathy Mullins		

14 of 53

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Name	Address	Date
Sign: <u>Daniel K Fuger</u>		7-5-12
Print: <u>Daniel K Fuger</u>		
Sign: _____		
Print: _____		
Sign: _____		
Print: _____		
Sign: _____		
Print: _____		
Sign: _____		
Print: _____		
Sign: _____		
Print: _____		

15 of 53

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Name	Address	Date
Sign: <u>Joanne Fromheld Arost</u>		6/23/12
Print: <u>Joanne Fromheld Arost</u>		
Sign: <u>Jeanette Doherty</u>		
Print: <u>Jeanette Doherty</u>		
Sign: <u>Mica Doherty</u>		
Print: <u>Mica Doherty</u>		
Sign: <u>Moonrose Doherty</u>		
Print: <u>Moonrose Doherty</u>		7/4/12
Sign: <u>Charles F. Barnes</u>		7/4/10
Print: <u>Charles F. Barnes</u>		
Sign: <u>Shelley Maxwell</u>		
Print: <u>Shelley Maxwell</u>		7/4/12

16 of 53

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Name	Address	Date
Sign: <u>Marilyn D. Cuyford</u> Print: <u>MARILYN D. CUYFORD</u>		7/13/12
Sign: <u>Sheray L. Dole</u> Print: <u>Sheray L. Dole</u>		7/13/10
Sign: <u>Shirley Spencer</u> Print: <u>Shirley Spencer</u>		
Sign: <u>Cheri L. Thomas</u> Print: <u>Cheri L. Thomas</u>		
Sign: <u>Veniamin Shlyak</u> Print: <u>Veniamin Shlyak</u>		
Sign: <u>Doug Shaw</u> Print: <u>Doug Shaw</u>		7/13/12

17 of 53

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Name	Address	Date
Sign: <u>Ben Smith</u>		
Print: <u>Ben Smith</u>		
Sign: <u>V.A. Frink</u>		
Print: <u>V.A. Frink</u>		
Sign: <u>M.C. Landes</u>		
Print: <u>M.C. Landes</u>		
Sign: <u>Jason Truman</u>		
Print: <u>Jason Truman</u>		
Sign: <u>CHRISTOPHER A. TEVLIN</u>		
Print: <u>CHRISTOPHER A. TEVLIN</u>		
Sign: _____		
Print: _____		
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18 of 53

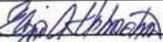
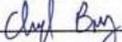
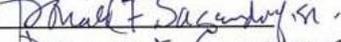
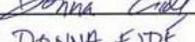
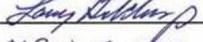
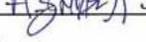
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Name	Address	Date
Sign: 		
Print: James H Malinowski		7-13-12
Sign: 		
Print: Elizabeth A Holmstrom		
Sign: 		
Print: Cheryl Brantley		7-13-56
Sign: 		
Print: DONALD F. SAGENOFF		7/13/12
Sign: 		
Print: Margaret McGauvran		
Sign: 		
Print: DONNA EIDE		
Sign: _____		
Print: Clinton White		
Sign: 		
Print: LARRY HUTCHINGS		
Sign: 		
Print: AARON SNYDER		
Sign: 		
Print: _____		

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Name	Address	Date
Sign: <u>Lynn Poteet</u>		07-13-12
Print: <u>LYNN POTEET</u>		
Sign: <u>Jean Duzar</u>		07-13-12
Print: <u>Jean Duzar</u>		
Sign: <u>Lavella D. Wright</u>		7-13-12
Print: <u>Lavella D. Wright</u>		
Sign: <u>Luz Maria Alvarez</u>		9-11-12
Print: <u>Luz Maria Alvarez</u>		
Sign: <u>Tammy Mowles</u>		7-13-12
Print: <u>Tammy Mowles</u>		
Sign: <u>Erich Cadd</u>		7-13-12
Print: <u>Erich Cadd</u>		
Sign: <u>Richard F. Brantley</u>		
Print: <u>Richard F. Brantley</u>		
Sign: <u>Jane S. Poole</u>		
Print: <u>Jane S. Poole</u>		
Sign: <u>Shavna J. Walters</u>		
Print: <u>Shavna Walters</u>		
Sign: <u>Lanette Moody</u>		
Print: <u>360-263-7149</u>		

20 of 53

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Name	Address	Date
Sign: <i>Linda A. Willette</i>		13 July 2012
Print: Linda A. Willette		
Sign: <i>Jerry M. G. Lee</i>		
Print: Jerry M. G. Lee		
Sign: <i>[Signature]</i>		
Print: David R. Lee		
Sign: <i>Bill Kimble</i>		
Print: Bill Kimble		
Sign: <i>David Johnson</i>		7-13-12
Print: David Johnson		
Sign: <i>Mark C.</i>		7/13/12
Print: Mark Fitzgerald		
Sign: <i>Salvatore Belmont Blinder</i>		7/13/12
Print: <i>Don Thomas</i>		7/13/12
Sign: <i>Carol Thomas</i>		7/13/12
Print: Carol Thomas		
Sign: <i>[Signature]</i>		7/13/12
Print: Kelly Brack		
Sign: <i>Bill Poteet</i>		7/13/12
Print: Bill POTEET		

21 of 53

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Name	Address	Date
Sign: <u>[Signature]</u>		7/14/12
Print: <u>Ryan Connor</u>		
Sign: <u>[Signature]</u>		7/14/2012
Print: <u>Sharon h. Barnes</u>		
Sign: <u>[Signature]</u>		7-14-12
Print: <u>Beth Malinowski</u>		
Sign: <u>[Signature]</u>		
Print: <u>Fredrick A. Malinowski</u>		
Sign: <u>[Signature]</u>		7/14/12
Print: <u>Kim HALL</u>		
Sign: <u>[Signature]</u>		7/14/12
Print: <u>Michael Escue</u>		
Sign: <u>[Signature]</u>		7/14/12
Print: <u>Jennifer Wanke</u>		
Sign: <u>[Signature]</u>		7-14-12
Print: <u>Tresa France</u>		
Sign: <u>[Signature]</u>		7-14-12
Print: <u>Jack Rickford</u>		
Sign: <u>[Signature]</u>		July 14
Print: <u>Peter Melvoin</u>		
Print: <u>PETER MELVON</u>		

22 of 53

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Sign: <u>Scott M. Johnson</u>		7/11/12
Print: <u>Scott M. Johnson</u>		
Sign: <u>Sam Wane</u>		
Print: <u>Sam Wane</u>		
Sign: <u>Jared Curtis</u>		
Print: <u>Jared Curtis</u>		
Sign: <u>Adam Bozarth</u>		
Print: <u>Adam Bozarth</u>		
Sign: <u>Cindie Swonger</u>		
Print: <u>Cindie Swonger</u>		
Sign: <u>Allison Hayes</u>		
Print: <u>Allison Hayes</u>		
Sign: <u>Janet Mangham</u>		
Print: <u>Janet Mangham</u>		
Sign: <u>William E. Barnes</u>		
Print: <u>William E. Barnes</u>		
Sign: <u>Jason K. Leommo</u>		
Print: <u>Jason K. Leommo</u>		
Sign: <u>John Fleming</u>		
Print: _____		

23 of 53

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Name	Address	Date
Sign: <i>[Signature]</i>		
Print: <i>Damian Hord</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Misty Teivonen</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Keri Farber</i>		7-14-12
Sign: <i>[Signature]</i>		
Print: <i>Jim Farber - JR</i>		7-14-12
Sign: <i>C. Mayhew</i>		
Print: <i>CINDY MAYHAW</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Mike Mayhew</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Iana Hunziker</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Iana Hunziker</i>		
Sign: <i>[Signature]</i>		
Print: <i>Melissa Johnson</i>		
Print: <i>Melissa Johnson</i>		
Sign: <i>[Signature]</i>		
Print: <i>Charles Elliott</i>		7/14/12
Print: <i>Charles Elliott</i>		

24 of 53

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	Name	Address	Date
Sign:	<i>[Signature]</i>		
Print:	Dustin Moore		7/14/12
Sign:	<i>[Signature]</i>		
Print:	Wesley Rogers		7/14/12
Sign:	<i>[Signature]</i>		
Print:	Brian & Boyns		
Sign:	<i>[Signature]</i>		
Print:	Jerry Switt		7-14-12
Sign:	<i>[Signature]</i>		
Print:	[Signature]		
Sign:	<i>[Signature]</i>		
Print:	Molly Danner		
Sign:	<i>[Signature]</i>		
Print:	Lynn Wilson		
Sign:	<i>[Signature]</i>		
Print:	Lynn Wilson		
Sign:			
Print:	Jenna Hamilton		7/14/12
Sign:	<i>[Signature]</i>		
Print:	Jenna Hamilton		

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Name	Address	Date
Sign: <u>Jimmy A. Parker</u>		7/14/2012
Print: <u>Jim Parker</u>		
Sign: <u>Sherry Jay</u>		7/14/2012
Print: <u>Sherry Jay</u>		
Sign: <u>Ashley Vest</u>		7/14/2012
Print: <u>Mark Vest</u>		
Sign: <u>Mark D. Vest</u>		7/14/2012
Print: <u>Mark Vest</u>		
Sign: <u>David Johnson</u>		7/14/2012
Print: <u>DAVID JOHNSON</u>		
Sign: <u>Julie Saath</u>		7/14/2010
Print: <u>Julie Saath</u>		
Sign: <u>Cindy Heller</u>		
Print: <u>CINDY Heller</u>		
Sign: <u>Mike Ken</u>		
Print: <u>Mike Ken</u>		
Sign: <u>Wash Lane</u>		7/14/12
Print: <u>Steve Wehl</u>		
Sign: <u>Steve Wehl</u>		
Print: <u>Steve Wehl</u>		

26 of 53

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Name	Address	Date
Sign: <u>Kimberly Holte</u>		7-14-12
Print: <u>Kimberly Holte</u>		
Sign: <u>Gillian Kallenberger</u>		7/14/12
Print: <u>Gillian Kallenberger</u>		
Sign: <u>Stephan Wirtgen</u>	N/A	7/14/12
Print: <u>Stephan Wirtgen</u>		
Sign: <u>Justin Galocchero</u>		7/14/12
Print: <u>Justin Galocchero</u>		
Sign: <u>Jamie Hornola</u>		
Print: <u>Jamie Hornola</u>		
Sign: <u>Katlin Parks</u>		
Print: <u>Katlin Parks</u>		
Sign: <u>Kc Jean Becker</u>		
Print: <u>K Becker</u>		
Sign: <u>Joel A Becker</u>		
Print: <u>Joel A Becker</u>		
Sign: <u>Joel A Becker</u>		
Print: <u>Joel A Becker</u>		

27 of 53

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Name	Address	Date
Sign: <u>Jessica V. ...</u>		7/15/12
Print: <u>Terrence V. ...</u>		
Sign: <u>Jamie ...</u>		
Print: <u>Lewis Hack</u>		
Sign: <u>Jan ...</u>		
Print: <u>Jan Taylor</u>		7-15-12
Sign: <u>Shauna Cook</u>		
Print: <u>Shauna Cook</u>		7-15-12
Sign: <u>Paul Brazzau</u>		
Print: <u>PAUL BRAZZAU</u>		
Sign: <u>Crystal Brazzau</u>		
Print: <u>Crystal Brazzau</u>		
Sign: <u>Zia ...</u>		7/15/12
Print: <u>Zia ...</u>		
Sign: _____		
Print: _____		
Sign: _____		
Print: _____		
Sign: _____		
Print: _____		

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Name	Address	Date
Sign: <u>Merle R Moore</u> Print: Merle L. Moore		7/13/12
Sign: <u>Jason Carpenter</u> Print: Jason Carpenter		7/13/12
Sign: <u>Red Smith</u> Print: Red Smith		7/13/12
Sign: <u>Rob Tozer</u> Print: ROBIN TOZER		7/13/12
Sign: <u>Cathryn Pennington</u> Print: Cathryn Pennington		
Sign: <u>Nathan R. Niska</u> Print: Nathan R. Niska		
Sign: <u>Grey Friction</u> Print: Grey Friction		
Sign: <u>Howard & Cook</u> Print: Howard & Cook		
Sign: <u>Ray Couch</u> Print: Ray Couch		
Sign: <u>Ray Couch</u> Print: RAY Couch		

29 of 53

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Name	Address	Date
Sign: <u>Deborah Young</u>		
Print: <u>Deborah Young</u>		
Sign: <u>Steven Young</u>		
Print: <u>Steven Young</u>		
Sign: <u>John Fritz</u>		
Print: <u>Darryl Groner</u>		
Sign: <u>Darryl Groner</u>		
Print: <u>Darryl Groner</u>		7-12-12
Sign: <u>Kathleen Arin Groner</u>		
Print: <u>Kathleen Arin Groner</u>		7/12/12
Sign: <u>Jay A. Bell</u>		
Print: <u>TERRY BALDWIN</u>		
Sign: <u>Michelle Holder</u>		
Print: <u>Michele Holder</u>		7.13.12
Sign: <u>Tracy B. Smith</u>		
Print: <u>Tracy B. Smith</u>		7-13-12
Sign: <u>Bernadeau Schelste</u>		
Print: <u>Bernadeau Schelste</u>		
Sign: <u>Debra P. Shaut</u>		
Print: <u>Debra P. Shaut</u>		7-13-12

30 of 53

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Name	Address	Date
Sign: <i>Lena Edwards</i>		
Print: <i>Lena Edwards</i>		7-14-12
Sign: <i>Heather Thompson</i>		
Print: <i>Heather Y. Thompson</i>		7-14-12
Sign: <i>[Signature]</i>		
Print: <i>M. Knight</i>		
Sign: <i>Mary Beth [Signature]</i>		
Print: <i>Mary Beth [Signature]</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Daniela Barack</i>		7/14/12
Sign: <i>Marla S. Beam</i>		
Print: <i>Marla S. Beam</i>		
Sign: <i>Heather [Signature]</i>		
Print: <i>Heather Allans</i>		
Sign: <i>[Signature]</i>		
Print: <i>Ty Haghi</i>		
Sign: <i>[Signature]</i>		
Print: <i>LARRY M. SHARP</i>		
Sign: <i>[Signature]</i>		
Print: <i>Adi Egar</i>		

31 of 53

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Name	Address	Date
Sign: <i>Lee Witter</i>		<i>July 14, 2012</i>
Print: <i>LEE WITTER</i>		
Sign: <i>Patricia J Stepp</i>		<i>7/14/12</i>
Print: <i>Patricia J Stepp</i>		
Sign: <i>[Signature]</i>		<i>July 14/12</i>
Print: <i>John Keen</i>		
Sign: <i>[Signature]</i>		
Print: <i>Daniel Hoinowski</i>		
Sign: <i>Angela Waring</i>		<i>7/14/12</i>
Print: <i>Angela Waring</i>		
Sign: <i>[Signature]</i>		<i>7/14/12</i>
Print: <i>Anthony Waring</i>		
Sign: <i>[Signature]</i>		
Print: <i>Shawlyn C Elton</i>		
Sign: <i>Ron W Gndres</i>		
Print: <i>RON. W. GNDRES</i>		
Sign: <i>Trism Jordan</i>		<i>7/18/12</i>
Print: <i>Trism Jordan</i>		
Sign: <i>Caleb Stewart</i>		<i>7/14/12</i>
Print: <i>Caleb Stewart</i>		

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Sign: <i>Melinda Webb</i>		7/13/2013
Print: Rachelle Ward		
Sign: <i>Laurence Fraser</i>		
Print: LAURENCE FRASER		
Sign: <i>Greg Rogers</i>		
Print: Greg Rogers		
Sign: <i>Scott</i>		
Print: Taylor		
Sign: <i>Robert E. Johnson</i>		
Print: Robert E. Johnson		
Sign: <i>John Doren</i>		
Print: Josh Borson		
Sign: <i>Hamina Geras</i>		
Print: Hamina Geras		
Sign: <i>Richard Daniel Geras</i>		
Print: RICHARD DANIEL GERAS		
Sign: <i>Cameron Rogers</i>		
Print: Cameron Rogers		
Sign: <i>Alana Lack</i>		
Print: Alana Lack		

33 of 53

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Name	Address	Date
Sign: <i>[Signature]</i>		
Print: <i>Diana Wright</i>		7/13/12
Sign: <i>[Signature]</i>		
Print: <i>Charles C. Fuller</i>		7/13/12
Sign: <i>[Signature]</i>		
Print: <i>[Signature]</i>		7/13/12
Sign: <i>[Signature]</i>		
Print: <i>Connie Willard</i>		7-14-12
Sign: <i>[Signature]</i>		
Print: <i>George Ball</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Joshua Johnson</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>Jack Miller</i>		7/14/12
Sign: <i>[Signature]</i>		
Print: <i>GRETCHEN MAIX</i>		7-14-12
Sign: <i>[Signature]</i>		
Print: <i>Sherky Thayer</i>		
Sign: <i>[Signature]</i>		
Print: <i>LESLIE BRADY</i>		7/14/12

34 of 53

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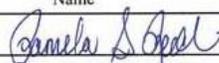
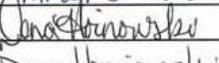
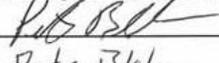
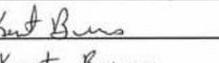
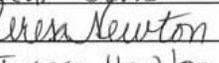
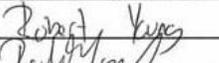
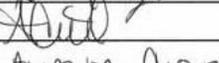
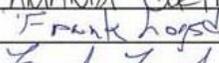
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Name	Address	Date
Sign: 		7-14-12
Print: Pamela S. Reed		
Sign: 		7-14-12
Print: Dana Tomowski		
Sign: 		7-19-12
Print: Ben Withoe		
Sign: 		7/14/12
Print: Kent Burns		
Sign: 		7/14/12
Print: Teresa Newton		
Sign: 		7-14-12
Print: David Teras		
Sign: 		7-14-12
Print: Robert King		
Sign: 		7-14-12
Print: AMANDA CURTIN		
Sign: 		7-14-12
Print: Frank Johnson		

35 of 53

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Name	Address	Date
Sign: <u>Jacobs Brown</u>		7/13/12
Print: <u>Jacobs Brown</u>		
Sign: <u>Joe Reed</u>		
Print: <u>Joe REED</u>		
Sign: <u>Patti Olson</u>		7/14/12
Print: <u>Patti Olson</u>		
Sign: <u>Alonso Lemus</u>		
Print: <u>Alonso Lemus</u>		
Sign: <u>Erin Grover</u>		07/14/12
Print: <u>ERIN GROVER</u>		
Sign: <u>Robert Witree</u>		
Print: <u>ROBERT WITREE</u>		7/14/12
Sign: <u>Helen Burns</u>		7-14-12
Print: <u>Austin Harlacher</u>		
Sign: <u>Austin Harlacher</u>		7/14-12
Print: <u>Molly Manfort</u>		
Sign: <u>Molly Manfort</u>		7-14-12
Print: <u>Arzil Stone</u>		
Sign: <u>Arzil Stone</u>		
Print: <u>ARZIL STONE</u>		

36 of 53

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Name	Address	Date
Sign: <u>Nancy Bishop</u>		7-15-12
Print: <u>Nancy Bishop</u>		
Sign: <u>[Signature]</u>		7-15-12
Print: <u>Jeffery Bishop</u>		
Sign: <u>SARA GUST</u>		07-15-12
Print: <u>SARA GUST</u>		
Sign: <u>[Signature]</u>		7/15/12
Print: <u>Paul Simoniano</u>		
Sign: <u>[Signature]</u>		
Print: <u>Bruce Eitel</u>		
Sign: <u>[Signature]</u>		7/15/12
Print: <u>Kamari Trullinger</u>		
Sign: <u>[Signature]</u>		
Print: <u>Chris Trullinger</u>		7-15-12
Sign: <u>Xoni Boer</u>		
Print: <u>Lois Boer</u>		
Sign: <u>[Signature]</u>		
Print: <u>Richard Urias</u>		
Sign: <u>[Signature]</u>		
Print: <u>Debra Urias</u>		

37 of 53

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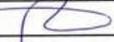
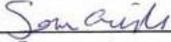
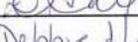
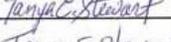
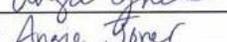
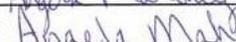
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Name	Address	Date
Sign: 		7/15/12
Print: PILA SINDERLAND		
Sign: 		7-15-12
Print: Pete INTRAVARTOLO		
Sign: 		7-15-12
Print: Sean Avila		
Sign: 		7-15-12
Print: Audrey Jensen		
Sign: 		7/15/12
Print: Tyson Parlus		
Sign: 		7/16/12
Print: Debbie Hall		
Sign: 		7-15-12
Print: Tanya E Stewart		
Sign: 		7/15/12
Print: Angie Gorer		
Sign: 		7/15/12
Print: Angela Mahoney		
Sign: 		7/15/12
Print:		

38 of 53

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Name	Address	Date
Sign: <i>Crystal Lee</i>		
Print: Crystal Lee		
Sign: <i>Jessie Baird</i>		
Print: Jessie Baird		
Sign: <i>Jason Baird</i>		
Print: Jason Baird		1 7-15-12
Sign: <i>Michael W McEvia</i>		
Print: Michael W McEvia		
Sign: <i>Troy Stewart</i>		
Print: TROY STEWART		
Sign: <i>James P Jover</i>		
Print: JAMES P JOVER		
Sign: <i>Cliff McCarty</i>		
Print: Cliff McCarty		
Sign: <i>Ashley Campbell</i>		
Print: Ashley Campbell		
Sign: <i>Diane Richard</i>		
Print: Diane Richard		
Print: <i>Diane Richard</i>		

39 of 53

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Sign: <u>Kevin Parks</u>		7/15/12
Print: <u>Kevin Parks</u>		
Sign: <u>Chris Parks</u>		
Print: <u>Chris Parks</u>		7/15/12
Sign: <u>Roger Davies</u>		
Print: <u>Roger Davies</u>		
Sign: <u>Wendy Blanton</u>		
Print: <u>Wendy Blanton</u>		7/15/12
Sign: <u>Jennifer Salverson</u>		
Print: <u>Jennifer Salverson</u>		
Sign: <u>Julie Nease</u>		
Print: <u>JULIE NEASE</u>		
Sign: <u>Nick Nease</u>		
Print: <u>NICK NEASE</u>		
Sign: <u>Annah Buttner</u>		
Print: <u>Joseph Buttner</u>		7-15-12
Sign: <u>Bridget Pennington</u>		
Print: <u>Bridget Pennington</u>		7-15-12
Sign: <u>Reese Miller</u>		
Print: <u>Reese Miller</u>		7-15-12

40 of 53

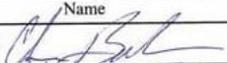
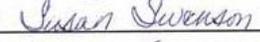
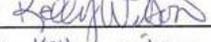
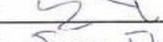
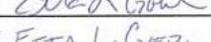
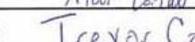
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	Name	Address	Date
Sign:			
Print:	Cherie DeKey		
Sign:			7/15/12
Print:	Derek Heath		
Sign:			7/15/12
Print:	Craig Johnson		
Sign:			7/15/12
Print:	Susan Swenson		
Sign:			
Print:	Kelly Wilson		
Sign:			
Print:	Karen Ratschy		
Sign:			
Print:	Jeremy Thomson		
Sign:			
Print:	ETTA L. GOETZL		
Sign:			
Print:	Trevor Conder		
Sign:			
Print:	Trevor Conder		

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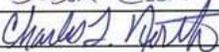
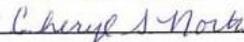
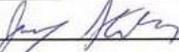
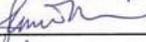
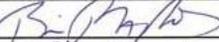
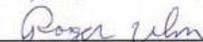
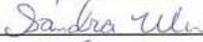
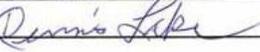
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Sign: 		7-15-12
Print: Jason Cook		
Sign: 		
Print: Charles T. North		
Sign: 		7/15/12
Print:		
Sign: 		7/15/12
Print: Jody Strainey		
Sign: 		7/15/12
Print: Jeanie Isom		
Sign: 		
Print: Bill Backus		
Sign: 		
Print: Roger Ulm		
Sign: 		
Print: Sandra Ulm		
Sign: 		
Print: Dennis Lake		
Sign: 		7-15-12
Print: Gina Catania		

42 of 53

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Name	Address	Date
Sign: <u><i>Courtney Hoover</i></u>		7/14/12
Print: <u>Courtney L Hoover</u>		
Sign: <u><i>David H Wood</i></u>		
Print: <u>David H. Wood</u>		
Sign: <u><i>Mike Culbertson</i></u>		
Print: <u>Mike Culbertson</u>		
Sign: <u><i>Shannon Bickford</i></u>		
Print: <u>Shannon BICKFORD</u>		
Sign: <u><i>Herb Noble</i></u>		
Print: <u>Herb Noble</u>		
Sign: <u><i>Christina Terpenning</i></u>		
Print: <u>Christina Terpenning</u>		
Sign: <u><i>Roger L. Kneibman II</i></u>		
Print: <u>Roger L. Kneibman II</u>		
Sign: <u><i>Warren Trump</i></u>		
Print: <u>WARREN TRUMP</u>		
Sign: <u><i>Brian Lee</i></u>		
Print: <u>Brian Lee</u>		
Sign: <u><i>Jessica Cavill</i></u>		
Print: _____		

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Name	Address	Date
Sign: <u>Jane M. Revez</u>		7-15-12
Print: <u>Jane M. Revez</u>		
Sign: <u>CM</u>		7/15/12
Print: <u>CHRISTINA MONKS</u>		
Sign: <u>Maureen</u>		7/15/12
Print: <u>Glean Terpen</u>		
Sign: <u>Derek</u>		
Print: <u>Derek Colwill</u>		
Sign: <u>Maureen</u>		
Print: <u>Maureen WARD</u>		
Sign: <u>Maureen</u>		
Print: <u>Dore Ross</u>		
Sign: <u>Joe</u>		
Print: <u>Joe Kershner</u>		
Sign: <u>Kayce Ayers</u>		
Print: <u>Kayce Ayers</u>		
Sign: <u>Pat Linn</u>		
Print: <u>Pat Linn</u>		
Sign: <u>Pat Linn</u>		
Print: <u>Pat Linn</u>		

44 of 53

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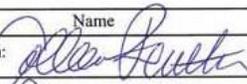
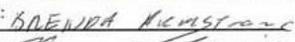
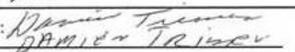
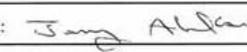
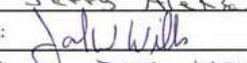
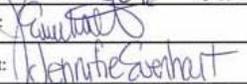
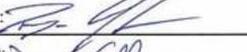
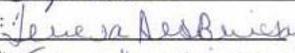
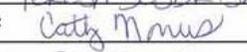
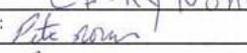
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Name	Address	Date
Sign: 		
Print: COLLEEN REUTTER		
Sign: 		
Print: BRENDA KROMSTROM		
Sign: 		
Print: DAMIEN TRIMMER		
Sign: 		
Print: JERRY ALAKA		
Sign: 		7-15-12
Print: JOE WILLS		
Sign: 		
Print: JENNIFER EVERHART		
Sign: 		
Print: DOREEN COLMAN		
Sign: 		
Print: TERESA DESBRISAY		
Sign: 		
Print: CATHY NONUS		
Sign: 		
Print: PETE HORVATH		

45 of 53

14282_petition

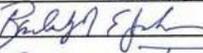
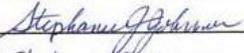
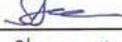
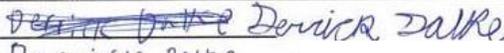
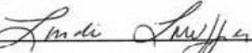
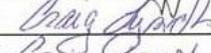
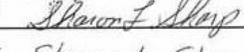
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Name	Address	Date
Sign: 		7/11/12
Print: TODD HOUCK		
Sign: 		
Print: RANDOLPH E. JOHNSON		
Sign: 		7-14-12
Print: Stephanie Johnson		
Sign: 		
Print: Steven H. Lehecka		
Sign: 		
Print: Kristine Lehecka		
Sign: Derrick Dalke  Derrick Dalke,		7/14/12
Print: DERRICK DALKE		
Sign: 		
Print: Linda Lawffer		
Sign: 		
Print: CRAIG SMITH		
Sign: 		
Print: Jeffrey Ludell		
Sign: 		7-14-12
Print: Sharon L. Sharp		

46 of 53

14282_pettion

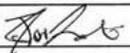
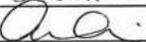
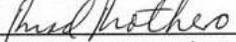
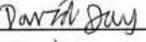
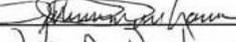
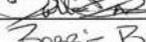
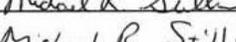
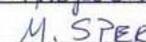
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Name	Address	Date
Sign: 		7-15-12
Print: John Lantz		
Sign: 		7-15-12
Print: Ashley Carlson		
Sign: 		7/15/12
Print: Jordan Floyd		
Sign: 		7/15/12
Print: BRAD PROTHERO		
Sign: 		7/15/12
Print: David Jay		
Sign: 		7/15/12
Print: Kevin Overton		
Sign: 		7/15/12
Print: John D. Durham		
Sign: 		7-15-12
Print: BOBBIE BAKER		
Sign: 		7-15-12
Print: Michael R. Stillman		
Sign: 		
Print: M. SPERLING		

47 of 53

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Name	Address	Date
Sign: <u>[Signature]</u>		July 15, 12
Print: Robert L. Adams		
Sign: <u>[Signature]</u>		7-15-12
Print: Christine Adams		
Sign: <u>[Signature]</u>		7-15-12
Print: Drew Kroll		
Sign: <u>[Signature]</u>		7-15-12
Print: Alexis Berryman		
Sign: <u>[Signature]</u>		7-15-12
Print: Zac Peters		
Sign: <u>[Signature]</u>		
Print: Kristie Masterson		
Sign: <u>[Signature]</u>		7-15-12
Print: Leesa Keller		
Sign: <u>[Signature]</u>		7-15-12
Print: Jahara Craber		
Sign: <u>[Signature]</u>		7-15-12
Print: Ken Shippy		
Sign: <u>[Signature]</u>		7-15-12
Print: Bob Scareszinski		
Print: Bob Scareszinski		7-15-12

48 of 53

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Name	Address	Date
Sign: <i>Karen Ratschy</i>		
Print: Karen Ratschy		7-14-12
Sign: <i>[Signature]</i>		
Print: Kevin S Crane		7-15-12
Sign: <i>[Signature]</i>		
Print: Richard Suljarski		7-15-12
Sign: RICHARD SULJARSKI		
Print: ALVIN CAMPBELL		7-15-12
Sign: <i>ALVIN CAMPBELL</i>		
Print: MARGARET NELSON		
Sign: <i>MARGARET NELSON</i>		
Print: N.A. NELSON		
Sign: <i>N.A. Nelson</i>		
Print: DANIEL CAVELY		
Sign: <i>Daniel Cavely</i>		
Print: NORMAN MITCHELL		
Sign: <i>Norman Mitchell</i>		
Print: Sandra Lohj		
Sign: <i>Sandra Lohj</i>		
Print:		

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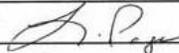
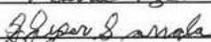
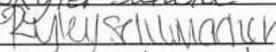
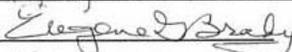
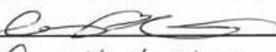
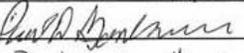
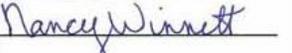
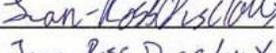
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Sign: 		July 14, 2012
Print: Laurie Page		
Sign: 		July 14, 2012
Print: Skyleer Sakala		
Sign: 		7/14/12
Print: Dyley Schumacher		
Sign: 		7/14/12
Print: E. J. BRADY		
Sign: 		7/14/12
Print: Annette Lawless		
Sign: 		
Print: Paul D. Gornikiewicz		
Sign: 		
Print: Nancy Winnett		
Sign: 		7/14/12
Print: Jean-Ross Descloix		
Sign: 		
Print: Francis D.V. Lucero		

50 of 53

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Name	Address	Date
Sign: <i>JEFF GRANCE</i>		7/14/2012
Print: <i>JEFF GRANCE</i>		
Sign: <i>Keith Palmquist</i>		
Print: KEITH PALMQUIST		7-14-12
Sign: <i>Cynthia Troman</i>		
Print: CYNTHIA TROMAN		
Sign: <i>Betty Beamon</i>		
Print: BETTY BEAMON		
Sign: <i>Donna Gosney</i>		
Print: DONNA GOSNEY		
Sign: <i>Brenda Dalke</i>		7-14-12
Print: BRENDA DALKE		
Sign: <i>Randy Lawffer</i>		7-14-12
Print: RANDY LAWFFER		
Sign: <i>Carl Hook</i>		7-14-12
Print: CARL HOOK		
Sign: <i>James Stool</i>		
Print: JAMES STOOL		
Sign: <i>Robert J. Alexander</i>		7/14/12
Print: ROBERT J. ALEXANDER		

51 of 53

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Name	Address	Date
Sign: <u>Vanessa Lies</u>		
Print: <u>Vanessa Lies</u>		7-14-12
Sign: <u>Mam Houck</u>		
Print: <u>Marie Houck</u>		7/14/12
Sign: <u>John Nemeth</u>		7/14/12
Print: <u>John Nemeth</u>		
Sign: <u>Pearl M. Nemeth</u>		7-14-12
Print: <u>Pearl M. Nemeth</u>		
Sign: <u>Joseph J. Arnold</u>		
Print: <u>Joseph J. Arnold</u>		
Sign: <u>Keily Grimes</u>		
Print: <u>Keily Grimes</u>		7-14-12
Sign: <u>Denise A. Arnold</u>		
Print: <u>Denise A. Arnold</u>		7-14-12
Sign: <u>Angela Johnson</u>		
Print: <u>Angela Johnson</u>		
Sign: <u>Shannan Binn</u>		
Print: <u>Shannan Binn</u>		

52 of 53

Please acknowledge receipt of this petition and publish the same as a general comment on the project website and records.

BPA, choose the West Alternative!

Bonneville Power Administration intends to build a new 500 kV transmission corridor, known as the I-5 Corridor Reinforcement Project, through Clark and Cowlitz Counties. Other routes have been considered and rejected by BPA. Our goal is to minimize the impact this project will have on private land-owners by advocating a route that takes the least amount of private land. The West Alternative is the route that accomplishes this goal. The issues are:

1. **Landowner Rights:** According to the data BPA recently released, BPA would need to acquire an estimated **94 acres** of private land along the **EDGES** of its existing right-of-way, the West Alternative. In contrast, where BPA owns no existing right-of-way, up to an estimated **1,055 acres** would be taken **THROUGH** new private land.
2. **Cost:** According to BPA's estimate, up to **90 million more dollars** will be spent to build on any route other than the West Alternative.
3. **Environmental Impact:** There is minimal damage to the environment by using the BPA-owned West Alternative, an existing transmission corridor with a 70-year history. Any other alternative would consume up to an estimated **1,291 acres** of new private and public land with many new river and stream crossings in areas that are home to threatened and endangered species.

We ask BPA to recognize these facts concerning the impact a new transmission corridor would have on rural homeowners, private land and landowner rights, the scenic areas that would be permanently damaged, and the productive timberland that would be forever lost. We ask you to choose the route that takes the least amount of private acreage, the West Alternative.

Name	Address	Date
Sign: <u>Steve Bosch</u>		
Print: Steve Bosch		7-13-12
Sign: <u>Sherril L. Bosch</u>		
Print: Sherril L. Bosch		7-13-12
Sign: <u>Lee W. Simonson</u>		
Print: LEE W SIMONSON		7-13-12
Sign: <u>Brian C. Smith</u>		
Print: Brian C. Smith		
Sign: <u>Tab Kelly</u>		
Print: Tab Kelly		
Sign: <u>Grey Schelske</u>		
Print: Grey Schelske		7-13-12
Sign: <u>Vickie Wiegley</u>		
Print: Vickie Wiegley		7/13/12
Sign: <u>Tec. Savals</u>		
Print: Tec. Savals		7-13-12
Sign: <u>Linda Noble</u>		
Print: Linda Noble		
Sign: <u>Sarah Johnson</u>		
Print: Sarah Johnson		7-13-12

14283

Lookout Ridge Phase Three Homeowners Association

c/o The Management Group, Inc.

*15350 SW Sequoia Parkway, Suite 200
Portland, OR 97224
Phone (503) 858-1213
Fax (503) 598-0554*

*7710 NE Vancouver Mall Drive
Vancouver, WA 98662
Phone (360) 397-0281
Fax (360) 397-0265*

December 27, 2012

BPA I-5 Corridor Reinforcement Project
PO Box 9250
Portland, OR 97207

Dear BPA,

14283-1 On behalf of all Homeowners of Lookout Ridge Phase Three community, we appreciate your review and careful consideration of the degree to which above-ground transmission lines impair scenic views of Mt. Hood and the Columbia River and request that you bury the transmission line where it would run down the south side of Woodburn Hill in the City of Washougal.

14283-2 In addition, Paragraph 7.2 of the draft environmental impact statement for the Project does not contain an accurate assessment of visual resources and the economic losses associated with their impairment in the area where the HOA is located.

14283-3 Furthermore, Lookout Ridge Phase Three owns land in the right-of-way to be used by the Bonneville Power Administration I-5 Corridor Reinforcement Project. According to Article 6, Section 1 of the Declaration filed on behalf of Lookout Ridge "No improvement shall be commenced, erected, placed or altered on any Lot until the construction plans and specifications showing the nature, shape, heights, materials, colors, and proposed location of the improvement have been submitted to and approved in writing by the Architectural Committee." The above ground towers for the Project's 500 kV transmission line would clearly be inconsistent with community architectural review standards.

Thank you for your consideration and review of this request or alternatives to the current proposed plan.

Respectfully submitted,

Board of Directors
Lookout Ridge Phase Three Homeowners Association

1 of 2

- 14283-1 Visual impacts are discussed in Chapter 7, Visual Resources, and Appendix E. Undergrounding the transmission line is discussed in Section 4.7.7, Undergrounding the Transmission Line, and Appendix D. Additional underground studies of the Washougal/Camas and the Castle Rock areas are included as Appendix D1. Additional discussion was also added to Section 4.7.7.
- 14283-2 Please see the response to Comment 14171-10 for further explanation of the methodology used in the visual assessment.
- Section 11.2.2.5, Property Values, discusses the project's potential effect on property values.
- 14283-3 Comment noted. As discussed in Section 3.1 of the EIS, BPA would acquire easements for the transmission line right-of-way and would compensate landowners for these acquisitions. Any easements acquired would be recorded and would identify the respective legal rights of BPA and the landowner.

14284

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/28/2012 2:04 p.m.**

14284-1

Hello this is Barbara Eigner with KWIK Center LLC. And reply to a reference of TEP-TEP-3. Back in October of 2010 I got a letter that the Bonneville Power has removed parcels identified above from consideration for the I-5 Corridor Reinforcement Project. I wrote a letter November 29, 2012 to a Mr. Woolson asking whether or not modifications in that route have been have changed and if the property owned by KWIK Center LLC is still outside the direct line of the reinforcement project. Please call me back at
Barbara Eigner at KWIK Center LLC. Good-bye.

14287

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/03/2013 2:11 p.m.**

14287-1

My name is William Guitteau and I received today in the mail a notice of the reinforcement project a scheduled meeting time list. It shows that the Longview area will have a meeting on February the second. It seems to me I saw somewhere in your prior mailings there was a meeting to be scheduled on January the fourth of 2013 at Mart Morris. I just wondered if this is a new and updated listing of the meeting times. I just don't want to miss the January fourth if that is still in effect. My phone number is
and I would appreciate it if I could receive something showing I own property located at
and . I would like to have something showing what the final determined power line route is to access. My mailing address is
. My phone number is . Thank you.

14288

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 12/28/2012 2:04 p.m.**

14288-1

Yes I'd like to know whether the map that shows the roads that the route is going to go through. I've looked at your new map, but the only roads on here are like I-5 and 504. It doesn't show any of the side roads. It's impossible to tell whether or not this is going to be going near my property. My name is Kathy Myers. And my phone number is . I'd appreciate a call back. Thank you.

- 14284-1 BPA called the commenter to confirm that the parcels in question are east of the Preferred Alternative.
- 14287-1 BPA contacted the commenter and confirmed the meeting date and time and provided a map of his properties.
- 14288-1 BPA contacted the commenter and provided information so that she could locate her property on the interactive map available on the project website.

14289

TREVOR LEVANEN

01/04/2013

14289-1 Over the past few years, while the fate of the I-5 Corridor Reinforcement Project has been debated, I have wondered if this year will be the last time our property has been free from the large transmission line. I am totally and completely against the future construction of the transmission lines on the land that is effected by lines 28 & 18. Since I was a little child I have been using our land as my class room

14289-2 learning essential lessons while camping and exploring. If the power lines are approved to be built, the large lines will destroy timber growing potential, habitat and the area for recreation for future generations. Why have plans for the transmission lines been planned on built on private land? I am

14289-3 adamant that the transmission lines be built on public land to avoid potential health hazards and large eye sore. In short, the power lines should be built on public land further east where the population per square mile is lower than on line 18 & 28.

14290

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/05/2013 10:36 a.m.**

14290-1 Yes this is John Gerstkemper. We're on your mailing list as John and Barbara Gerstkemper. And I wanted to let you know that our address has changed. Our new address is [REDACTED]. That's very similar to the old address. We just moved down the street. The old address was [REDACTED]. Same street, new house. If you could change our mailing address on your mailing list, I would appreciate it. Thank you.

- 14289-1 Comment noted.
- 14289-2 Comment noted.
- 14289-3 Chapter 4, Proposed Action and Alternatives, includes a discussion of alternatives farther east of segments 18 and 28, including the East Alternative and its options. These routes also cross private lands. They are described in Sections 4.7.2.4, Northeastern Alternative, North of Silver Lake, Washington, 4.7.2.7, Transmission Line Routes Bordering U.S. Forest Service and WDNR Land East of the Project Area, and 4.7.2.8, Transmission Line Route East to Bonneville Dam. In general, these routes would still impact individual landowners and create greater costs than the Preferred Alternative. The Preferred Alternative does cross large amounts of public land and land owned by large timber companies.
- 14290-1 BPA adjusted the mailing list as requested.

14291

BOB INNES

01/06/2013

- 14291-1 Paragraph 7.2 of the draft Environmental Impact Statement (EIS) is a grossly inaccurate understatement of the visual resources on the southside of Woodburn Hill in the western part of the City of Washougal, an area through which the transmission row passes. The hillside through which the easement for the transmission line passes offers superb views of Mt. Hood, the Columbia River, and from the higher elevations even Mt. Jefferson. Theses scenic vistas add up to a third of the value of the best situated houses in this rapidly urbanizing area. Degradation of scenic views by the existing transmission line, and
- 14291-2 the expanded degradation by the taller towers and lines proposed as a part of the new project result in reduced property values. Homeowners in the area will lose in aggregate several million dollars in property value. The loss is not only to the individual property owner, but also to the City of Washougal,
- 14291-3 the Camas School District and Clark County because of lower assessed values on residential lots and houses and the consequent lower property taxes. The EIS requires a more accurate assessment of the
- 14291-4 visual impact of above-ground transmission lines in a scenic urban area such as western Washougal, and
- 14291-5 the project design should consider the technical and economic feasibility of burying the lines underground as they go down the hillside in question.

14292

CITY OF KELSO, STEPHANIE L HELEM

01/07/2013

- 14292-1 Good Morning, Can you please remove the following persons from your mailing list as they are no longer Planning Commissioners or staff for the City of Kelso: Rich Gushman Michael Kerins Mark Kirkland Jim Kodama Larry Peterson Tim Sparks Ray Smith The following persons should be on the mailing list: Kelso Community Development Dept.: Nancy Malone Kelso Planning Commission: Toby Tabor Dan Jones Rick VonRock Patricia VanRollins Clark Hislop James Webb Jared Wade Thank you!

14293

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/08/2013 9:24 a.m.**

- 14293-1 My name is Marlene Aubol. Phone number is . I'm trying to get online so I can find the interactive map from the I-5 Corridor Reinforcement Project. I'm unable to bring that map up. Please call back.

14291-1 Please see the response to Comment 14283-2.

Photographs and simulations are included in the Final EIS representing the view of Segment 52 as well as Mt. Hood and out over the Columbia River Gorge (see Figures 7-16 through 7-19).

Photographs and simulations are included in the FEIS representing the view of Segment 52 as well as Mt Hood and out over the Columbia River Gorge (see FEIS Figures 7-9 to 7-11).

14291-2 Please see the response to Comment 14140-2.

14291-3 Section 11.2.2.5, Property Values, describes the project's potential impacts on property values. A study completed by the Clark County Assessor's office that used 2009 sales data (Clark County, 2010), found no significant impact on property values from the proposed project. The 2009 sale prices appeared higher than the assessed value for the majority of transactions. Assessed value to sales ratios were mostly below 100 percent. Clark County recognized this data as an indicator that the proposed project had not affected property sales and that adjustments to property value based on a property's potential proximity to the project was not needed. See also the response to Comment 14140-2.

14291-4 Please see the response to Comment 14283-2.

Photographs and simulations are included in the Final EIS for the Camas/Washougal area (see Figures 7-16 through 7-19). The viewpoints included for this area illustrate the alignment within a suburban residential context common to all action alternatives.

Photographs and simulations are included in the FEIS for the Camas / Washougal area (see FEIS Figures 7-7 to 7-11). The viewpoints included for this area illustrate the alignment within a suburban residential context common to all alternatives.

14291-5 BPA has considered the economic and technical feasibility of burying the transmission lines for this project. These are presented in Appendices D and D1, and Section 4.7.7, Undergrounding the Transmission Line.

14292-1 BPA made the suggested changes to the project mailing list.

14293-1 BPA contacted the commenter and she was able to use the interactive map and locate her property.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/08/2013 10:23 a.m.**

14294-1

Yeah, I am not exactly what this is all about. But I think it might be putting a line through my property. My name is Alan Brombach and you can reach me at . Call me back as soon as you get this because this is a little bit concerning. And I do not have internet service so we're going to have to take care of this over the phone. . Ask for Alan. Thank you, bye.

- 14294-1 BPA contacted the commenter and located his property. His property would not be affected by the project. BPA also sent the commenter a map of his property and project materials.

From: noreply@bpa.gov
Sent: Tuesday, January 08, 2013 2:31 PM
Subject: BPA I5 Comment Submission Confirmation
Attachments:

Thank you for submitting your comments on the Bonneville Power Administration's draft environmental impact statement (EIS) for the I-5 Corridor Reinforcement Project. All comments submitted between November 13, 2012 and March 1, 2013 (before midnight) will be responded to in the final EIS, which is expected in 2014.

A copy of your information, as submitted using our online form, is included below for your records. If you provided your contact information and submitted a question we can answer at this time, you will receive a response. Your contact information will also be added to our project mailing list. All comments including names will be processed and then posted on BPA's website at www.bpa.gov/goto/i-5

Sincerely,
 Bonneville Power Administration

Name: Amanda M Swanson
Organization:
E-mail:
Phone:
Address:

USA

Group type: Private citizen

Please ADD me to the mailing list.

Comment:

14295-1

The interactive map for this project shows a section of "New access roads" going through a parcel I own that is currently designated as "Open Space Timber Land" with Cowlitz County. I did not authorize access to my property for BPA. I don't want any trees on my timber land to be cut down. How is BPA going to put an access road through my parcel without my permission and without cutting down trees on my timber land?



- 14295-1 BPA coordinates with landowners prior to finalizing access road locations and considers suggestions offered by the landowner. This coordination typically results in satisfactory negotiations with the landowners to secure the necessary access. Please also see the response to Comment 14119-2.

14296

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/09/2013 4:09 p.m.**

14296-1 Yes, my name is Ken Bartholic. I live in Washougal and the high voltage line should be fairly close to where we live. I would like to get a copy of the EIS and my phone number is . And I'd like to be made aware of if there are any public meetings in the near future on this. Thank you.

14298

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/10/2013 11:07 a.m.**

14298-1 Yeah, my name is Dave Zentzis, I'm a forester from Mason Bruce & Girard. And one of our clients just inherited some property that will be impacted by your preferred alternative of the I-5 corridor. It's in Clark County. My number's . I would just like to be included on the updates and any information notification of meetings or anything. So call me back and I can get you my mailing address and that kind of stuff- whatever you need. Again my number's . My name's Dave. Thank you.

14299

AMY N DAVIS

01/10/2013

14299-1 As a homeowner along your "preferred" route, I am concerned for health issues. Will BPA pay medical bills for issues that arise from the known side effects of these megawatt towers? At the least th eother route travels through more public lands owned byt he US Forest Serive and WA DNR. That route is more appropriate for a project like this...mutiple-use lands is the mooto for the US Forest Service. This should be an idea multiple use, not running practically through my backyard.

14299-2

- 14296-1 BPA contacted the commenter, informed him about the meeting schedule and sent him a CD of the Draft EIS.
- 14298-1 BPA added the commenter to the project mailing list.
- 14299-1 Chapter 8, Electric and Magnetic Fields, Chapter 10, Health and Safety, and Appendices F, F1, G, and G1 discuss health issues.
- 14299-2 The East Alternative and its options are discussed in Chapter 4, Proposed Action and Alternatives. Section 4.7.2.4, Northeastern Alternative, North of Silver Lake, Washington, Section 4.7.2.7, Transmission Line Routes Bordering U.S. Forest Service and WDNR Land East of the Project Area, and Section 4.7.2.8, Transmission Line Route East to Bonneville Dam discuss routes farther east of the East Alternative.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/11/2013 10:00 a.m.**

14300-1 Yes I was calling, hoping someone could call me back because I was not understanding the literature I got or the interactive map on the internet. My number is [REDACTED] and it's Marilyn Mcghee. Yeah, I can't comment until I have a few questions answered, and I'd appreciate it. Thank you.

14301

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/11/2013 11:46 a.m.**

14301-1 My name is Loretta Manke. My phone number is [REDACTED]. I would like to know if the power line is going to go over or be near where I live. My address is [REDACTED] in Camas. Will you please call and let me know. Thank you. Good-bye.

14303

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/11/2013 1:59 p.m.**

14303-1 Yes, my name is Jim Baldwin and my phone number is [REDACTED]. What I'm inquiring about is I'm having a hard time seeing on your map you have. I live on [REDACTED] as it comes down-I'm just north of the lake. And it shows that is, as far as I can see from the road from your legend on the side, that the road will need reconstruction as part of the project. But I'm not sure because it's kind of vague. So if you could call me and give me some information, I'd appreciate it. Okay? Thank you.

- 14300-1 BPA contacted the commenter and provided additional information in answer to her questions.
- 14301-1 BPA contacted the commenter and confirmed that her property is about 3 miles west of Segment 52.
- 14303-1 BPA contacted the commenter and clarified the information on the project map.

14304

LEE LEVANEN

01/12/2013

- 14304-1 In November of 2012, the president of the United States, Barack Obama, approved a bill to set aside 9.6 million acres of land to protect the spotted owl. Contributed to the large populous influx and arrival of the barred owl, the spotted owl population has been deteriorated. Agreeing that the barred owls are to blame for this situation, scientists have found that barred owls thrive and live in forests with open space nearby (Exactly the habitat created with 75 miles of permanent clear cut in east Clark County [line 18 & 28] and Cowlitz County). Please reconsider and remove these alternatives. Moreover, if the Commander and Chief has passed such an extensive bill with a recovery plan for the endangered Northern Spotted Owl, why would a federal agency undermine the president's efforts by creating prime habitat for the arch enemy of the threatened spotted owl. The Central route would be in some of the Pacific Northwest's best spotted owl habitat. To summarize, the right of way will encourage the barred owl by creating favorable conditions to grow exponentially and threaten the future spotted owl population. The
- 14304-2 "Pearl Route" would have the least impact on the endangered spotted owl. Furthermore, the large
- 14304-3 transmission lines should be kept on public lands owned by the state or federal government.

14305

THOMAS B ZEGERS

01/12/2013

- 14305-1 My name is Thomas Zegers and I am the CEO of Pacific Powerline Inc, a fairly new SDVO/SB specializing in the construction of high voltage power lines. My question is not of the enviromental impact of the project, but what BPA will do to ensure that large contractors sub-contract a portion of the construction to a SDVO/SB concern. I am very interested in bidding on this entire project, and at the very least have the opportunity to be a sub contractor. When will this project come up for bid? and will it be on the fedbizopps.gov website? any information you may have for me regarding the bidding of this contract would be greatly appreciated.

- 14304-1 Potential impacts to northern spotted owl and its habitat from each of the proposed project action alternatives are discussed in Chapter 18 of the EIS. As discussed in Chapter 27 of the EIS, BPA is in consultation with the USFWS regarding impacts on federally listed species and would implement any mitigation required through the USFWS Biological Opinion to lessen impacts on the northern spotted owl.
- 14304-2 Section 4.7.2.1, Alternate Routes from Castle Rock, Washington to near Wilsonville, Oregon (Pearl Routes) discusses why the "Pearl Route" was considered, but eliminated from detailed study. This route also would have required new right-of-way through forests.
- 14304-3 The Preferred Alternative does propose using public and large timber company lands for much of its length.
- 14305-1 BPA contacted the commenter and provided information about BPA's purchasing program, which is available at: <http://www.bpa.gov/corporate/Business/Guide/>.

14306

JENNIFER S SAMODUROV

01/14/2013

- 14306-1 I attended the meeting at Liberty Middle School as well as doing research on the project. I have concerns about my property and the proximity of it to the project. In the research I did I can across information leading me to believe that because of the Kv500 strength of the towers, there could be a chance that banks would not loan to such a location. Or that our property value could significantly suffer from the cost it is now due to the new towers and their size. This is of great concern to me.
- 14306-2 As a business owner as well as home owner in Washougal, I want what is best for our area. This development was built in a time where so many are already upside down in their homes. If they become difficult to sell or less desirable due to some locations to the lines, than banks will have more vacant homes and Washougal and the surrounding areas will become more depressed.
- 14306-3 Is there any chance of buy outs for those who are located so close to the lines as previously thought? If not, what do you intend to do if a persons home is no longer sellable due to it's location? This is a community responsibility. Just as I am not to do something that damages my neighbor and their livelihood, I believe it is also your responsibility to do the same.
- 14306-4 I also feel there should be some give back to the communities you are disrupting with building by helping the community to be more desirable. Through parks, playgrounds, soccer fields, swimming facilities or the like. That way it would draw people into the communities you are making less desirable and balance out some of the loss.
- 14306-5 We have a responsibility to each other to do what is in the best interest of those we effect around us.

- 14306-1 Please see the response to Comment 14140-2.
- 14306-2 Please see the response to Comment 14140-2.
- 14306-3 BPA siting engineers have worked to minimize the need to relocate residences and businesses. Any potential relocations are reviewed on a case-by-case basis to determine whether the relocation is needed or whether BPA can modify the transmission design to avoid relocation.
- 14306-4 As BPA has progressed through the EIS process for this proposed project, we have received many suggestions concerning mitigation measures. Mitigation also has been identified through regulatory (Section 404, Section 7, etc.) processes. BPA has and will continue to work with landowners, agencies, tribes, and local governments to develop measures to mitigate for potential impacts created by the project.
- BPA has identified recommended mitigation measures in each resource Chapter of the EIS. Mitigation measures BPA will implement if BPA decides to build the project will be identified in the Record of Decision.
- 14306-5 Comment noted.

-----Original Message-----

From: Rose
 Sent: Monday, January 14, 2013 4:20 AM
 To: BPA I-5 Corridor Reinforcement Project
 Subject: I-5 Corridor Reinforcement Project

14307

I am writing to express a concern regarding access to what I believe is segment 23 where it crosses Highway 503 to Merwin Dam. It is the area where segment 16 will/would have cross(ed) the back side of our property. I live at _____ which is located in _____.

14307-1

PP&L has an access through our property via our driveway to access their poles located just before the lines cross Highway 503. In 2006, PP&L widened their access road above our property in order to take metal poles up to replace the wooden poles. We have noticed an increasing amount of water coming down the hill over the past few summers and believe several underground springs are now draining across the access road. Last year, we had an extremely dry summer. As late as September, the road past the culvert and up to the poles was extremely muddy where it was difficult to walk without slipping or falling. I'm not sure where you will be placing your towers but if you plan to place one between the road off of Fredrickson and Highway 503, you will probably have difficulty accessing it for maintenance. The access coming down to the PP&L poles is so bad that we had to place a gate on the access road near the entrance to our property. The gate was necessary to keep people from coming into our property from the back side as it is nearly impossible to navigate back up the hill. Due to the current condition of the access road, you may have difficulty getting up to the poles.

We are available to discuss the conditions with you if need be.

Thank you.

Sincerely,
 Rose Geist & Dennis Pierce

From:

Sent: Monday, January 14, 2013 12:31 PM

14308

To: BPA I-5 Corridor Reinforcement Project

Subject: Current overhead lines over right of way--West Washougal- going north to South

14308-1

You are planning on doubling the lines from top of hill to bottom and then across river to Troutdale. Is it possible to place all lines underground from top of hill to bottom. You did this a number of years ago from Camas West to the 192nd avenue and SR14 Brady Road area.

Gil Lawrence

Page 1 of 1

- 14307-1 The new right-of-way would be located south of the commenter's property closer to the Lewis River. There would be no need to use the portion of access road north of the Husky Creek crossing. Please also see the response to Comment 14119-2.
- 14308-1 Please see the response to Comment 14283-1.

14309

LANCE E CALSTOY

01/14/2013

14309-1 I own two parcels identified as impacted by the power line, as in my home will directly border it within 100'. I would like to find out the exact impacts to my property. Would it be possible to have a BPA rep. come to my property and describe the possible impacts. Thank You Lance Calstoy

14310

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/15/2013 10:58 a.m.**

14310-1 Hi this is Carol Williams. My address is . I was just hoping maybe somebody could call me back and help translate this map that I got here a couple weeks-it's just so tiny, I can't really understand it. If you could give me a call back, . And call me back. Thank you, bye.

14311

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/15/2013 1:17 p.m.**

14311-1 This is Kay McCay. My phone number is . I'm calling because our daughter is buying a house. The address is : . I'm wondering, I can't understand from looking at the map, how close this purchase would be to your reinforcement corridor. Again, my number is . Thank you.

- 14309-1 BPA invited the commenter to attend one of the Draft EIS public meetings where members of the design team were available to answer questions.
- 14310-1 BPA contacted the commenter and confirmed that her property is not on the Preferred Alternative. BPA also sent the commenter project materials.
- 14311-1 BPA contacted the commenter and helped her find her property on the interactive map.

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/15/2013 2:06 p.m.**

14312-1

Hi. My name is Daniel Jenisch. I'm calling because I do own 50 acres of property. I believe it's on [redacted], I believe that's the name of the road. And it's a part of the development of the joint venture. I was just wondering, you know, where you have the line. You know you have some line that's shown yellow-you might have two or three of them on the map. I was wondering which line is the one that is possibly going near or farther from the property that I own. My property is on the road and it's over to the-I believe it's on the south side of the road. So you can reach me at my phone number [redacted]. I'd like to know about this and maybe talk to somebody-that way I get some two way information. Alright, please give me a call. Alright, thank you, have a great day, bye-bye.

14312-1 BPA contacted the commenter and answered his questions.

14313

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS) Lloyd Halverson

Address _____

Please add me to the mailing list Please remove me from the mailing list

Comments:

14313-1 Attached is a copy
of a letter from Senators Murray and Cantwell's
letter to BPA Administrator Wright dated Oct 13, 2011.
The Senators urged:
1. you to carefully listen to local residents
concerns and identify a solution that
has the smallest impact on property owners
as possible.

14313-2 In Camas, that should be a careful,
full look at undergrounding the 1.1 mile
urban segment of the line.

Sincerely,

Lloyd Halverson City Administrator
Camas



1 of 2

14313-1 Thank you for this information. The Preferred Alternative does avoid small property owners as much as possible while also considering many other aspects of the project, as detailed in summary Tables 4-9, 4-10 and 4-11 in Chapter 4.

14313-2 Please see the response to Comment 14283-1.

14313

United States Senate
WASHINGTON, DC 20510

October 13, 2011

Stephen J. Wright
Administrator
Bonneville Power Administration
905 NE 11th Avenue
Portland, OR 97232

Dear Administrator Wright:

I write regarding the Bonneville Power Administration's proposed I-5 Corridor Reinforcement Project, which involves the construction of a new electric transmission line from the Castle Rock area in Cowlitz County, Washington to Troutdale, Oregon.

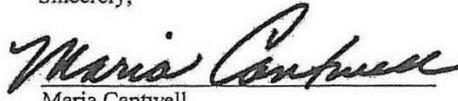
It has been 41 years since the Bonneville Power Administration (BPA) built a high-voltage transmission line in southwest Washington. Since then, the population in southwest Washington has more than doubled. Businesses and industries have grown along the I-5 corridor, resulting in substantial economic development. I understand that BPA believes additional high-voltage transmission capacity in southwest Washington is necessary to continue providing reliable electricity service to citizens and businesses, and capacity for future economic growth.

I appreciate your work to ensure continued low-cost, reliable electricity service for the northwest and Washington State. It is the economic backbone for our region. While these benefits must be maintained, I share the concerns that many of my constituents have raised regarding possible locations for the new transmission line.

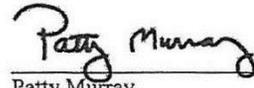
I understand that BPA has undertaken substantial efforts to engage local residents as part of the public comment process required by the National Environmental Policy Act in drafting an Environmental Impact Statement (EIS) for the project. I am pleased that BPA extended the comment period at my request for the initial scoping of the environmental review process to allow more residents to participate. It is also important that affected residents have ample time outside of the busy holiday season to offer comments on the Draft EIS (DEIS) that is expected to be released in the coming months. To this end, I respectfully request that you postpone the release of the DEIS until January 2012 at the earliest.

X While an exact route for the proposed transmission line has not been chosen, I urge you to carefully listen to local residents' concerns and identify a solution has the smallest impact on property owners as possible. I look forward to hearing from you as the public process for identifying an appropriate route for the proposed transmission line continues.

Sincerely,



Maria Cantwell
United States Senator



Patty Murray
United States Senator

2 of 2

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BPA I-5 Corridor Reinforcement Project - Draft EIS Printed Copy Request

Please prepare the selected items to be mailed to the address on the reverse side of this form. Each chapter that is selected should also include all relevant maps.

14314-1

<input checked="" type="checkbox"/>	<p>Volume 1 – includes the following</p> <ul style="list-style-type: none"> <input type="checkbox"/> Table of Contents <input type="checkbox"/> Notes to Reader <input type="checkbox"/> Perforated Icons Page <input type="checkbox"/> Summary <input type="checkbox"/> Chapter 1 – Purpose of and Need for Action <input type="checkbox"/> Chapter 2 – Facility Siting, Route Segments, and Action Alternatives <input type="checkbox"/> Chapter 3 – Project Components and Construction, Operation, and Maintenance Activities 	<ul style="list-style-type: none"> <input type="checkbox"/> Chapter 4 – Proposed Action and Alternatives <input type="checkbox"/> Chapter 5 – Land <input type="checkbox"/> Chapter 6 – Recreation <input type="checkbox"/> Chapter 7 – Visual Resources <input type="checkbox"/> Chapter 8 – Electric and Magnetic Fields <input type="checkbox"/> Chapter 9 – Noise <input type="checkbox"/> Chapter 10 – Health and Safety <input type="checkbox"/> Chapter 11 – Socioeconomics <input type="checkbox"/> Chapter 12 – Transportation <input type="checkbox"/> Chapter 13 – Cultural Resources
<input type="checkbox"/>	<p>Volume 2 – includes the following chapters</p> <ul style="list-style-type: none"> <input type="checkbox"/> Chapter 14 – Geology and Soils <input type="checkbox"/> Chapter 15 – Water <input type="checkbox"/> Chapter 16 – Wetlands <input type="checkbox"/> Chapter 17 – Vegetation <input type="checkbox"/> Chapter 18 – Wildlife <input type="checkbox"/> Chapter 19 – Fish <input type="checkbox"/> Chapter 20 – Climate <input type="checkbox"/> Chapter 21 – Air Quality <input type="checkbox"/> Chapter 22 – Greenhouse Gases <input type="checkbox"/> Chapter 23 – Intentional Destructive Acts <input type="checkbox"/> Chapter 24 – Short-Term Uses verses Long-Term Productivity 	<ul style="list-style-type: none"> <input type="checkbox"/> Chapter 25 – Irreversible or Irrecoverable Commitment of Resources <input type="checkbox"/> Chapter 26 – Cumulative Impacts <input type="checkbox"/> Chapter 27 – Consultation, Review, and Permit Requirements <input type="checkbox"/> Chapter 28 – Consistency with State Substantive Standards <input type="checkbox"/> Chapter 29 – References <input type="checkbox"/> Chapter 30 – List of Preparers <input type="checkbox"/> Chapter 31 – Agencies, Organizations, and Persons Receiving this EIS <input type="checkbox"/> Chapter 32 – Glossary <input type="checkbox"/> Chapter 33 – Index
<input checked="" type="checkbox"/>	<p>Appendices A, B, D, E, F</p> <ul style="list-style-type: none"> <input type="checkbox"/> Appendix A – Washington Department of Natural Resources Lands Analysis <input type="checkbox"/> Appendix B – Right-of-Way Tower Configuration Tables and Figures 	<ul style="list-style-type: none"> <input type="checkbox"/> Appendix D – Underground Route Study <input type="checkbox"/> Appendix E – Visual Assessment <input type="checkbox"/> Appendix F – Electrical Effects
<input type="checkbox"/>	<p>Appendices G, H, I, K, L, M, N</p> <ul style="list-style-type: none"> <input type="checkbox"/> Appendix G – Research on Extremely Low Frequency Electric and Magnetic Fields and Health <input type="checkbox"/> Appendix H – Environmental justice Tables <input type="checkbox"/> Appendix I – Cultural Resource Sensitivity Scores 	<ul style="list-style-type: none"> <input type="checkbox"/> Appendix K – Fish Habitat and Fish Population Impacts <input type="checkbox"/> Appendix L – Wetland Modeling <input type="checkbox"/> Appendix M – Noxious Weed List <input type="checkbox"/> Appendix N – NEPA Disclosure Forms
<input type="checkbox"/>	<p>Appendix C – I-5 Corridor Reinforcement Project Photomap Book</p>	
<input type="checkbox"/>	<p>Appendix J – Geologic Assessment, Geologic Hazards, Soil and Slope Gradient, Geology, Shallow Bedrock, Shallow Groundwater</p>	

14314-1 BPA mailed a Draft EIS to the commenter.

14314

BPA I-5 Corridor Reinforcement Project - Draft EIS Printed Copy Request

Date of request: 1/10/13

Date received by BPA: _____

Date request fulfilled: _____

14314-1

Name: HARRY BLANCHETTE

Phone: _____ Email: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

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14315

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

1-10-13

14315-1

ACCORDING TO PRESENT PROPOSED ROUTE LINE, (40), WHICH WE WOULD BE AFFECTED BY IS NOT IN THE PLAN.

14315-2

WE WOULD PREFER LINE (40) BE LEFT OUT OF THE PLAN DUE TO WET LANDS & WILDLIFE, AND TO GO AHEAD WITH PROPOSED ROUTE.
C W BERNETT



1 of 1

14315-1 Central Alternative using Central Option 1 has been identified as BPA's Preferred Alternative. Segment 40 is not included in the Preferred Alternative.

14315-2 Comment noted.

14316

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS) *Kathleen S. Clark*

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14316-1 The current BPA I-5 Corridor Reinforcement Project, Preferred Alternative, which proposes doubling the height and capacity of the above ground power lines, without the consideration of an underground or encased above ground solution, is yet another example of BPA's lack of reasonable prioritization of local considerations. The short-sited focus on profit, as opposed to safe and reasonable long-term solutions, is not even vaguely veiled.

14316-2 As a taxpayer, it is unconscionable that my neighbors and I must suffer property value depreciation, potential health issues, and aesthetic mayhem on our view of the Columbia River Gorge National Scenic Area, to advantage the short-sited greed motivation of a power company. I appeal to your sense of open-mindedness and fairness in

14316-3 reassessing all reasonable alternatives to the proposed above ground plan for expansion in the Lookout Ridge/Granite Highlands area (Segment 52).



1 of 1

- 14316-1 Section 4.7.7, Undergrounding the Transmission Line, and Appendix D discuss undergrounding the transmission line and encapsulated aboveground cables. Appendix D1 includes an additional underground study of the Washougal/Camas and Castle Rock areas and encapsulated aboveground cables.

The only encapsulated cable system that has been developed to be installed aboveground as well as underground is the Gas Insulated Line (GIL). GILs have been installed aboveground in substations or in power plants for short runs from a transformer to the switchyard. Aboveground installations are usually in confined, protected areas. Using GIL, there is a risk of leakage of SF₆ gas into the atmosphere. SF₆ is a greenhouse gas with a Global Warming Potential of 22,000. A GIL system would require a minimum of six, 20-inch, 500-kV pipes on steel supports, plus bridges to cross highways, rivers and railroads.

- 14316-2 Chapter 1 describes the need for the proposed project. BPA is a not-for-profit federal agency that has an obligation to ensure that it has sufficient capability to serve its customers through a safe and reliable transmission system that complies with national reliability standards. The Federal Columbia River Transmission Act directs BPA to construct improvements, additions, and replacements to its transmission system that are necessary to provide service to BPA's customers, maintain electrical stability and reliability, and integrate and transmit power.

BPA has proposed to build a new 500-kV transmission line that would increase the electrical capacity and transfer capability of BPA's transmission system in this area.

The Portland, Oregon-Vancouver, Washington metropolitan area is the major electric load center in northwest Oregon and southwest Washington. High concentrations of residential, commercial, and industrial loads in this area are served by hydroelectric dams on the Columbia River, thermal plants along the I-5 corridor, and wind turbines operating east of the Cascades in Washington and Oregon. Electricity flows from these generating resources to the metro area over BPA's and other utilities' transmission lines.

The I-5 Project is needed to increase the electrical capacity of the transmission system to respond to the increasing system congestion and system reliability concerns. The congestion on the transmission system is caused by increased demand in southwest Washington and northwest Oregon and transfers through the I-5 corridor. The demand is due to increases in population and corresponding electrical usage in the area. Increased transfers are due to the location of available resources relative to the areas of greatest demand. Potential effects of the proposed project on property values, human health and safety, and visual resources are discussed in Chapters 11, 10, and 7, respectively, of the EIS.

- 14316-3 Comment noted.

14317

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

ee attached



1 of 4

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14317

Attachment (a) Page 1 of 2.

**To the Draft environmental impact statement (public) comment form of the
BPA's Proposed I-5 Corridor Reinforcement Project.**

From effected property owner **AL Hayward** living at [REDACTED]

Dear Sirs:

14317-1

Thanks for providing me and others an opportunity to have our public input into your proposed project seriously, we trust, considered. My comments and opinions and that of others included herein are directly related to that section of the proposed expansion of the your power lines that runs North from the Columbia River up the hill across the Woodburn Hills subdivision of the City of Washougal in a 350 ft. wide 1.2 mile long strip now covered with a 50 year growth of blackberry bushes higher than a deer's head.

My "little Abner" simple suggestion is to run said transmission underground and remove the old towers.

I understand that a study was done, and bids submitted by Siemens, and others I assume, in 2009 for going underground and was rejected, I'm told, for being too expensive. However no consideration was given to the **long term benefits of recovery of a mile of valuable view property in the Woodburn Hills subdivision of the City of Washougal., WA., if said project went underground and all existing towers removed and not added to.**

Siemens and others have been successfully running power high voltage underground in gas filled pipes all over the world for years. We note that the electrical power going into Vancouver from here goes along Highway 14 goes underground. And power coming Grand Coulee Dam went underground for a mile since 1948. Certainly going underground does NOT require reinventing the wheel. Setting aside that "can't be done" argument, I wish to address the most often reason given for not going underground, to wit:

COST. (Short term vs long term)

The cost given to install the additional higher towers for that 1.2 miles across the breast of Washougal and double the adverse visual effect it already has is \$1 million. Whereas going underground for the same distance would costs from \$8 to \$18 million more dollars but would created no and less (perhaps illegal) visual impact and remove the towers that now do so.

14317-2

I herein request that a comprehensive study of the cost of underground vs. overhead as related to the offset of the long term and ongoing economic and positive financial impact removal of the existing tower would have on releasing that ground for the construction of nearly 100 new homes on high dollar view property. Adding additional new and badly needed jobs said construction would create. Plus \$5 million a year in new property taxes brought into both Clark County and the City of Washougal **NOT LESS!** * Using the same density as the homes now built adjacent to the exiting power line easement, 100 new homes could be built if the current tower were taken down and the power went underground. Creating needed jobs and \$35- \$50 million in new construction and some \$5 million in new taxes for Clark County each year – quickly offsetting the proportional additional cost of going underground vs overhead.

Note: Siemens and others submitted bids and proposals of going underground in 2009, HOWEVER, to my knowledge, no studies have been made showing the financial offset the release of said 1.2 miles of residential property, equal to 8-football fields, would create. And no studies I could find were made on just going underground on this 1.2 miles through and across the City of Washougal.

Please help me explain to my wife and neighbors why we should take a 25 to 30% reduction in our property values so as to provide cheaper electricity for California rate payers? Why should Clark county take a reduction in property taxes from those adversely effected by the expansion and doubling the visual obstruction and a 25% to 50% reduction in property vales and taxes to the county? Which means all the other property tax payers will have to make up the difference, so **California rate payers will pay less.**

That, in my opinion will be a hard PR story to sell to anyone in the State of Washington.

2 of 4

- 14317-1 Thank you for your comments. Specific comments are addressed below.
- 14317-2 For a response to the topic of undergrounding the transmission line, please see the response to Comment 14283-1.

For a response to the topic of property values, please see the response to Comment 14140-2.

For a response to the topic of property assessments and local tax revenues, please see the response to Comment 14291-3.

For a response to the topic of project need, please see the response to Comment 14316-2.

For a response to the topic of the applicability of local ordinances to federal agencies, please see the response to Comment 14171-7.

There are no plans to purchase and remove existing homes along the existing right-of-way in this area.

Chapter 8 discusses electric and magnetic fields generated by the project. More information on the predicted field levels for the alternatives is included in Appendix F and F1. A discussion of the current state of health effects research related to electric and magnetic fields is also included in Appendix G and G1.

For a response to the topic of gas-insulated lines, please see the response to Comment 14316-1.

For a response to the topic of removing blackberries, please see the response to Comment 14177-1.

Page 2. AL Hayward's public input statement attachment to BPA I-5 Corridor reinforcement project.

In the study herein requested please address the following in as great of details as might be required in a court of law where it seems, the risk of said project as proposed, might be headed.

Overcoming the legal challenges:

1. Washougal City Municipal Code for the Woodburn Hills ESI. (Ord. 1520 § 1,205; Ord 1421 § 1,2001; Ord. 1253 § 1997) of **view preservation ... of the City Lights of Portland,(OR), the Columbia River, Gorge National Scenic Area and/or Mount Hood**
2. Cost of compensation to property owner for a 25 to 30% reduced property values.
3. Cost of compensation to Clark County and City of Washougal for reduced taxes form the reduced property values for ___ number of years, 50?
4. Cost of compensation for reduced view. (The builder of my 3-story home settle out of court with my neighbor for \$25,000 for his reduced view of Mount Hood created by the construction of my house.)
5. Cost of purchase and removal of some existing homes along said power line easement.
6. Cost of compensation for injury to their health and/or cost in court proving it didn't that the new proposed increase in power the higher towers would or could cause.
7. Cost of yearly maintenance of a 350 ft. wide mile of right-of-way now that blackberries have recently been declared "noxious weeds" by the State of Washington.

Cost : Both short term vs long term in comparing overhead vs underground.

- 1 Underground would allow the removal of the existing towers and make available and recover enough residential view property for 100 new homes vs. none.
2. Underground would increase tax revenue to Clark County and Washougal whereas expanding the existing towers would in fact reduce tax revenue to both by reducing property values.
3. Clark County home owners should not be forced to pay for reduced power rates for Californians.
4. Underground would create more jobs, more taxes, overhead none.
5. Underground is certainly safer and looks far better.

14317-2

Bottom line: In my view it is, in the long run it will be far cheaper to go underground than the cost of expanding the existing overhead lines, **please explain to me any accounting studies that show other wise.**

Adverse effect: The only adverse effect I can find of going underground, is that I won't be able to watch all the rabbits, deer, bob cats, coyotes and an occasional bear and cougar crawl out from the 50 year growth of blackberry bushes and cross Dogwood Street from my home office window view.

Conclusions: The original power line was constructed on a 350 ft. wide mile long easement over 50 years ago across near bare land through the city. New homes were build around it, with full knowledge of it existence – nothing could be done, this scare across the her face was there for everyone to see. She had to live with it. Now that there is and opportunity to remove that scar rather than make it deeper.

Is it unreasonable to aske BPA to understand that the home owners, business and city fathers in Washougal and Clark County don't want to give up this once in a life time (certainly mine) 50 year scare and cut it deeper just to reduce electric rates in California when there is an opportunity to remove it all together by simply going underground for about a mile when it is a far better and cheaper long term option – if you still disagree please show me why.

Thanks for reading.

AL Hayward

(Where on those rare non-rainly days I now watch the sun rise over yonder Mt. Hood through eight power line from my window)

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Gas Insulated Transmission Lines (GIL) - Siemens

Page 1 of 6

14317

SIEMENS

Gas-Insulated Transmission Lines

Gas Insulated Lines (GIL) provide technical, environmental and operational features which make them a very good alternative wherever the transmission of extra high voltage (EHV) and extra high currents (EHC) is needed within restricted space, e.g. wherever overhead lines cannot be used.



14317-2

GIL consist of two concentric aluminum tubes. The inner conductor is resting on cast resin insulators, which center it within the outer enclosure. This enclosure is formed by a sturdy aluminum tube, which provides a solid mechanical and electrotechnical containment for the system. To meet up-to-date environmental and technical aspects GIL are filled with an insulating gas mixture of mainly nitrogen and a smaller percentage of SF₆ (sulphur hexafluoride).

<http://www.energy.siemens.com/us/en/power-transmission/gas-insulated-transmission-lin...> 12/28/2012
4 of 4

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WU

14318

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project

Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS) BARBARA AINSLIE

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14318-1

This is a time to think not just about the immediate future, but of the long-term development of the area. Vancouver Business Journal recently printed an article regarding developing the waterfront area of the Camas/Washougal part. This could be a beautiful waterfront area like Tom McCall Park in Portland or the area by McMinnaminis on the river. But BPA is about to make the whole area look like an industrial area with huge towers and wires with high voltages everywhere. Waterfront areas are precious and the beauty should be preserved and protected for future generations. Please don't just plan for the short term. Dare to be visionaries. Let the citizens of

14318-2

Camas & Washougal thank you for your contribution & for providing the power we all need in a way that will be an example for the rest of the country.



1 of 1

14318-1 Comment noted.

14318-2 Comment noted.

From: Cheryl Brantley
Sent: Tuesday, January 15, 2013 6:54 AM
To: Grow, Luanna J (BPA) - DKE-7
Subject: map request

14319

14319-1 | H Luanna,
| We are in need of electronic maps for this project.
| We are running AutoCad Civil 3D
| and we need the files in .dwg and .shp file

| Also, can you provide us with another hard copy of the entire Draft EIS? I'll be at the Battle Ground meeting next week and could pick it up there.

Page 1 of 1

Cheryl

14319-1 BPA provided all files and another hard copy of the Draft EIS to the commenter.

14321

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Monica Gruher

Address _____

Please add me to the mailing list Please remove me from the mailing list

Comments:

14321-1 While we still object to the line being placed in somewhat populated areas, we support the preferred alternative - Central Option 1 because it affects the least number of properties. We encourage you to avoid segments 36 to 48 as it is very populated, has many children and schools as well as environmental wetlands and forested areas which should not be further impacted and destroyed. In particular our segment 41 has all of these things and should continue to be avoided.

14321-2 Also be aware that you may not receive as many objections to the segments not affected by Central Alternative, as those people may be breathing a sigh of relief but still have the same objections and concerns.

14321-3 We also support the proposal to underground the lines on segment 52 so that you don't completely ruin the landscape of two entire communities/cities.



1 of 1

14321-1 Comment noted.

14321-2 Comment noted.

14321-3 Please see the response to Comment 14283-1.

14322

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Sam Masson

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

~~You can't make us pay for a new~~

14322-1

- You need to move the transfer off the power lines from Camas (Lady Island) to Bonneville WA.
- Also put the ground under line in Camas/Washougal in the highly densited areas.
You can afford it!!!



1 of 1

- 14322-1 Section 4.7.2.8, Transmission Line Route East to Bonneville Dam, discusses routing a line farther east from Castle Rock to a location near Bonneville Dam in the Columbia River Gorge. BPA would still need to build a new line back to either Troutdale or Ostrander substations in Oregon. This alternative was eliminated due to the added cost needed for additional transmission line length, and reduced capacity and diminished technical performance.

Section 4.7.7 and Appendix D discuss undergrounding the transmission line. Additional underground studies of the Washougal/Camas and the Castle Rock area are included as Appendix D1.

14323

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Phil Barquin (City of Camas)

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14323-1

The city of Camas has a long history of comprehensive planning that includes adoption of regulations to impliment a community vision. One of those regulations include undergrounding of power lines through the city. I strongly encourage BPA to appropriately, deliberately, and specifically evaluate undergrounding of 1.1 miles through existing urbanized areas of Camas. Consider the visioning of the local citizens.



1 of 1

14323-1 Please see the response to Comment 14283-1.

14324

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14324-1

Thank you for the outstanding communication with the public.



1 of 1

14324-1 Comment noted.



January 10, 2013

I-5 Corridor Reinforcement Project
P.O. Box 9250
Portland, OR 97207

RE: City of Washougal's Preliminary Comments on Bonneville Power Administration's (BPA) I-5 Corridor Reinforcement Project Draft EIS

To Whom It May Concern:

Thank you for the opportunity to comment on BPA's I-5 Corridor Reinforcement Project's Draft Environmental Impact Statement. The City is still reviewing the Draft EIS so these comments are preliminary and the City will provide further written comments prior to the end of the comment period on March 1st.

The City of Washougal recognizes the BPA's statutory obligation to provide power to the region and appreciates the efforts of BPA in seeking public input regarding the proposed expansion. The Draft EIS considered four (4) routing alternatives, each with several options, for the proposed 500-kV transmission line. However, as a statement of fact, there are no alternatives or options for the City as all of them lead through the City of Washougal and its Urban Growth Boundary, except for the no action alternative.

Following is a brief discussion of the City's initial comments in no particular order:

Views

It is obvious to state that the proposed towers will have a significant impact on views in our community. The existing towers are proposed to increase in height from a current 60-80 feet up to 120-160 feet. The BPA easement passes through a subarea of the City of Washougal known as Woodburn Hill. This subarea requires development design, plat restrictions, and construction restrictions specifically to preserve the outstanding views of the Portland city lights, Columbia River Gorge National Scenic Area and Mt. Hood. The subarea also seeks to preserve, to the extent possible and feasible, the natural beauty of Woodburn Hill as a view amenity from within the city.

The city recognizes that the increase in tower height may improve some property owner's views; however, the City believes the negative impacts to views for a larger number of other properties will overshadow any improvements. This will directly and negatively impact the assessed value of the affected properties.

CITY HALL
1701 C Street
Washougal, WA
98671
(360) 835-8501
Fax (360) 835-8808

14325-1

POLICE DEPARTMENT
1320 A Street
Washougal, WA
98671
(360) 835-8701
Fax (360) 835-7559

14325-2

FIRE & RESCUE
1400 A Street
Washougal, WA
98671
(360) 835-2211
Fax (360) 699-4859

14325-3

- 14325-1 Comment noted.
- 14325-2 Comment noted. BPA studied a range of alternatives including those west and east of the Washougal area. Please see Section 4.7.2, Transmission Line Routing Alternatives, for more information about how those alternatives were considered but eliminated from detailed study.
- 14325-3 The EIS acknowledges that the proposed project would affect visual resources in communities, natural areas, and near a large number of residences, with potential low-to-high impacts on these resources.

Property values are discussed in Section 11.2.2.5. A new transmission line is expected to have no appreciably measurable impact on long-term residential property values.

Photographs and simulations are included in the Final EIS for the Camas/Washougal area (see Figures 7-16 through 7-19).

14325-4 Assessed Value
Property taxes, which are derived as a function of assessed value are an important source of general revenue for a city. The impacts to view will have a significant negative impact on our assessed value, thereby reducing revenue to the City. This could affect the City's ability to provide core services at the level citizens have come to expect.

14325-5 Undergrounding
The Draft EIS acknowledges that the Cities of Camas and Washougal commented on the possibility of undergrounding the transmission lines through our populated urban areas. BPA also acknowledged that undergrounding the transmission line "appears to be technically feasible" but dismisses undergrounding as an option because of a significant cost increase. The City recognizes that the costs would be greater; however, with no alternative routes the City is forced to bare the impact of the proposal regardless of alternatives and options. The Draft EIS also seems to only analyze the entire length of the project in terms of undergrounding, dismissing the option as cost prohibited without looking at the shorter length through the urban area. Operational, system loss, environmental, performance and reliability concerns are also noted. However, no analysis was performed to substantiate these concerns especially within a shorter segment in the urban area.

14325-6 Mitigation
Because the City potentially will suffer the impacts of the proposal regardless of alternatives and options the City would like to discuss with BPA appropriate mitigation. Initial conversations with BPA representatives regarding this topic have started and the City is committed to continued discussions to limit impacts to the greatest extent possible, and to explore BPA's role as a catalyst, facilitator and provider of community amenities that might offer mitigation. Another opportunity to discuss mitigation would be for BPA to meet with the home owner associations (HOA's) who own the majority of the property on which the proposed towers are located on Woodburn Hill in Washougal.

14325-7 Again, thank you for the opportunity to comment preliminarily on the Draft EIS for this project. As you know, the City of Camas continues to express similar concerns related to the impact of this project in their community. We stand together with them in advancing our concerns. We are also aware that the project will have impacts on the Port of Camas-Washougal.

As noted, the City will provide further written comments prior to the end of the comment period on March 1st and we look forward to continued cooperation on this project.

Sincerely,

 Sean Guard
 Mayor of Washougal

14325-4 Please see the response to Comment 14291-3.

14325-5 Please see the response to Comment 14283-1.

14325-6 Please see the response to Comment 14306-4.

14325-7 Comment noted.

14326

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS) Mayor Scott Higgins
Address City of Camas + Council member Steve Higgins
 Please add me to the mailing list Please remove me from the mailing list

Comments:

Attached City of Camas Statement on
the subject.



1 of 3

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CITY OF CAMAS

616 Northeast Fourth Avenue
P.O. Box 1055
Camas, Washington 98607
PH: 360-834-6864 • F: 360-834-1535
<http://www.ci.camas.wa.us>

January 10, 2013

To: The Bonneville Power Administration

From: The City of Camas

Subject: BPA Draft Environmental Impact Statement

The City of Camas does not feel that the BPA Draft Environmental Impact Statement as currently written adequately addresses the impacts of this project coming through Camas. Under grounding of Segment 52 must be studied and formally presented in this document to pass the minimum threshold for an Environmental Impact Statement.

In the "November 2012, I-5 Corridor Reinforcement Project Draft EIS", Chapter 4, "Proposed Action and Alternatives" there is about one page (4-29) with the numbering 4.7.7 "Under Grounding the Transmission Line".

The draft EIS commentary on that page cites "70 miles of 500-kV line" and appears to conclude that placing portions or the full 70 miles of line underground is not recommended. The final sentence on this subject reads: *"For these cost, reliability and environmental reasons under grounding of the transmission line has been considered but eliminated from detailed study in this EIS"*.

The City of Camas continues to advocate that BPA place underground the lines in areas which are urbanized. That means in areas characterized by already built urban residential neighborhoods. A reasonable measure of such urbanization is a density of more than four dwelling units per acre. In the City of Camas, this "under grounding" would entail placing approximately one and one-tenth mile of line, which is much less than the 70 mile length of the full route.

It does not appear that the advantages and benefits of such "under grounding" have been seriously considered for an urbanized segment of the line. It does not appear that the costs to the neighboring residential areas, property owners and the City have been considered in the draft EIS. This is not acceptable to the City of Camas. We insist that the under grounding options be thoroughly examined in the Environmental Impact Statement.

14326-1

Human Resources	Community Development	Finance	Fire	Library	Police	Public Works	Parks & Recreation
360-817-1530	360-817-1562	360-834-2462	360-834-2262	360-834-4692	360-834-4151	360-817-1560	360-834-7092

14326-1 Please see the response to Comment 14283-1.

14326

Bonneville Power Administration
Page 2
January 10, 2013

- 14326-1 **Camas urges BPA to conscientiously review and present a formal environmental analysis of the under ground option in urbanized areas throughout Camas in the next steps of the process. Please conduct an appropriate study that specifically evaluates under grounding options of Line 52 as a mitigation measure to impacts within the Camas Urban Area, evaluates other potential mitigation options and combination of options. If you do not want to do this analysis, we recommend that**
- 14326-2 **BPA find another route.**

- 14326-3 We have been informed by BPA of the many reasons for this project. It is important that we have adequate power and the ability to transmit power throughout the western U.S. This project is not only designed to cover the needs of customers within the Cowlitz and Clark County regions of Washington State. It will also serve as an effective and efficient means of transmitting electrical power from northern Washington State all the way to southern California under “emergency” circumstances. Further, this project will give infrastructure to better deal with the new wind generated power being generated in eastern Washington and Oregon. As such, this project and the costs associated with this project are being created for a far greater region than simply Clark and Cowlitz counties.

- 14326-4 BPA should place the Camas segment of the line underground. The full BPA system’s needs are driving this “I-5 Corridor Reinforcement Project”, and therefore the costs of under grounding should be shared by all the system users.

Presented by: Scott Higgins, Mayor of the City of Camas
Steve Hogan, City Council Member, in behalf of the full Council

3 of 3

14326-2 Please see the response to Comment 14283-1.

14326-3 Comment noted.

14326-4 Please see the response to Comment 14283-1.

January 10, 2013

14327-1

The board of A Better Way for BPA is formally requesting a 90-day extension of the Public Comment Period. Releasing public comment just before the holidays takes valuable time away from making informed comments because every public entity, governmental entity, impacted landowners and concerned citizens are either closed or are busy during this time.

Another reason we are asking for a 90-day extension of the Public Comment period was informed yesterday by the Freedom of Information specialist, Kim Winn, that some of our FOIA requests might not be released to us for years. How can we make an informed and educated comment on the draft EIS if we cannot receive the information we need before the close of the Public Comment period?

I spoke today with the Clark County Commissioners' office and was told that the Clark County Commissioners' office support our request for a 90-day extension of the Public Comment period.

Please extend this comment period so that all stakeholders have time to gather the information they need to make an informed comment to the I-5 Corridor Reinforcement Project Draft Environmental Impact Statement.

Thank you,

Cheryl Brantley-Chair
A Better Way for BPA

14327-1 In response to public comment, BPA extended the comment period until noon March 25, 2013.

14328

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS)

John P. Twining

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

See attached letter & map



1 of 4

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John Tuininga

January 6, 2013

Mark Korsness
Project Manager I-5 Reinforcement Project
Bonneville Power Administration
PO Box 3621
Portland, OR 97208

Dear Mark:

- 14328-1 I am a resident of Battle Ground Washington, and I am writing to express my concerns for the pending decision to use the preferred alternative route as it pertains to sections V/26 P1 to P6.
- 14328-2 The access roads that you are proposing go through our local area and the private roads within our subdivision. The roads were not intended for this purpose nor built for it. The road section is between 2 to 3 inches for light traffic and is winding and tight, not commercial. The road was built by the homeowners within the limits of the private access/egress agreement of the homeowner association. Furthermore your access road from my lot to one of the towers goes right through my well and my future shop.
- 14328-3 Another issue is the proximity of the towers on the adjacent DNR land. The towers are too close to the private lot lines. Our property values will definitely be impacted. Most people moved up here for the views and scenery, and that has a monetary value. Homeowners want to be away from the cities and congestion to raise their families in a better environment. There are also the possible issues with EMF.
- 14328-4
- 14328-5
- 14328-6
- 14328-7 I have some suggestions that would benefit all parties involved. First of all you could shift the alignment of V26=P1 through P6. Reduce the angle point of P1, shift tower east and go straight to P6; this would entail shifting the whole alignment 300 to 900 feet east approximately. This would put you adjacent to Berry Road or the L 1410. This would also put your access roads right off the L 1410 which would greatly reduce your construction costs and reduce your square feet of access roads that have less of an environmental impact. It moves the towers further away from homes and improves the views and it gets your proposed roads out of our subdivision. The alignment shift east would also help both of us because the topography of the land would make your access roads have a shallow grade and for homeowners it puts the towers below our line of sight. Shifting the towers east also has less of a property value impact on the homeowners. For the most part DNR has logged almost everything within that Right of Way, short of the Riparian and Wetland buffers. DNR wishes the power lines to be along the private landowner property lines mainly because it keeps them from having multiple settings during logging operations, and it does not leave a small strip between lots to be logged. This would not be the case. DNR shovel or ground logs this area and so they would not have multiple point settings and if they did elect to high lead or cable log the area again and if your towers were on the adjacent east side of the L 1410 then it would not interfere.
- 14328-8
- 14328-9
- 14328-10
- 14328-11
- 14328-12
- 14328-13 I urge you to take these comments into consideration because it helps all parties involved. It helps improve BPA's constructability and reduces job costs and the environmental impact. It
- 14328-14

- 14328-1 Thank you for your comments. Specific comments are addressed below.
- 14328-2 Please see the response to Comment 14119-2.
- 14328-3 Please see the response to Comment 14097-1.
- 14328-4 Please see the responses to Comments 14328-2 and 14140-2.
- 14328-5 Section 11.2.2.8, Community Values, addresses the project's impacts to property-related amenities and related impacts to the quality of life and the well-being of residents who live near the project. The EIS acknowledges that the project may reduce the enjoyment people derive from their property, in the short- and long-term. Property owners whose land the project would cross would have an opportunity to negotiate compensation with BPA.
- 14328-6 Chapter 8 discusses electric and magnetic fields generated by the project. More information on the predicted field levels for the alternatives is included in Appendices F and F1. A discussion of the current state of health effects research related to electric and magnetic fields is also included in Appendices G and G1.
- 14328-7 Please see the response to Comment 14328-2.
- 14328-8 Please see the response to Comment 14328-2.
- 14328-9 Please see the response to Comment 14328-2.
- 14328-10 Please see the response to Comment 14328-2.
- 14328-11 Please see the response to Comment 14328-2.
- 14328-12 Please see the response to Comment 14328-2.
- 14328-13 Please see the response to Comment 14328-2.
- 14328-14 Please see the response to Comment 14328-2.

14328

Mark Korsness
January 6, 2013
Page 2

14328-14 helps me and other homeowners by shifting the towers further east giving us a better view, reduces the property value and health effect impacts, and moves the access roads out of the subdivision. It also helps DNR by reducing the amount of lost land from access roads, little if any logging would have to be done, and they would not have multiple settings for logging operations.

14328-15 I would like to invite you, Mark, or any of your engineers to contact me or we could meet here onsite with fellow homeowners to get a visual of current conditions. This would help with getting a better feel for what changes I am suggesting and give you a better idea of what we are dealing with.

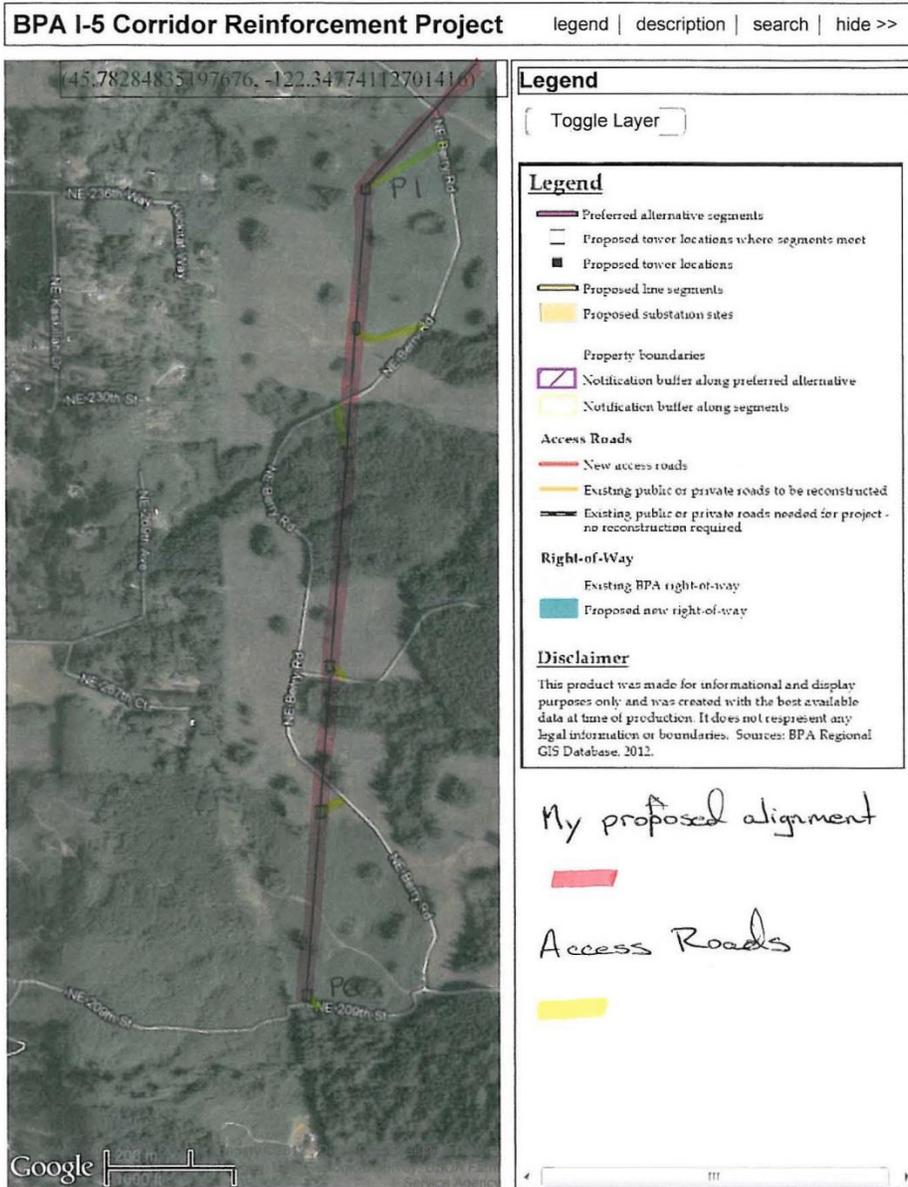
I am looking forward to your response.

Sincerely,

 P 
John Tuininga

3 of 4

14328-15 BPA spoke with the commenter about his concerns. Please see the response to Comment 14328-2.



<http://gis.bpa.gov/gis/i5/gmviewer.html>

4 of 4
12/27/2012

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14329

BPA I-5 Corridor Reinforcement Project
Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m.
Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

ALEX HAYWARD:

- 14329-1 | My name is Alex Hayward. I live on
 14329-2 | and I watch, on clear days, the sunrise over Mt. Hood through about -- I think I counted them
 14329-2 | -- twelve different wires. And I have the pleasure of watching sometimes a cougar, lots of time coyotes,
 14329-3 | and all these other animals use that 50-year-old corridor of blackberry bushes that's a freeway for them to
 14329-3 | come back and forth. But I look at this as an opportunity; an opportunity to get rid of those towers and
 14329-3 | replace it with -- if we replace it at the same density that the other houses that are up there with about 100
 14329-3 | new homes, that 100 new homes would provide roughly \$5 million in additional tax revenue for Clark
 14329-3 | County.
- 14329-4 | The underground, as I mentioned to you earlier, the engineering that's been done, Siemen's (phonetic)
 14329-4 | has done a lot of research on it. It's not anything new or wild. In Europe and other places they go
 14329-4 | underground all the time, so the underground engineering is there. As I understand it, the reason for
 14329-4 | objecting to that is primarily financial because the rule of thumb is underground costs ten times as much
 14329-4 | as going overground, but simple math shows that two years of tax increase would pay for that.
- 14329-5 | So I look at this as an opportunity to get rid of that scar that's been across the face of a beautiful city for
 14329-5 | probably fifty years. Fifty years ago it was bare ground and nobody really cared. Certainly the property
 14329-5 | owners, such as I, knew it was there when they moved there, but now there's an opportunity to get that
 14329-5 | scar off. Like a scar across your face, we don't have to cut it deeper, we can get rid of it, and that's part of
 14329-5 | that.
- 14329-6 | My wife says, "You mean we're going to have a reduction in our property values and that's going to help
 14329-7 | make electricity cheaper for some people in California?" She says, "I don't think so." So that's part of my
 14329-7 | presentation, and the reason that I signed up first was so that I could get out first. Thank you.

14330

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

ROD SMITH:

- 14330-1 | Thanks for making time for us, and we appreciate this. Mine is more of an observation than anything else.
 14330-1 | You mentioned that we'd been working on this project probably over three years ago. We were opted in
 14330-1 | two years ago, I believe, after the official comment period ended.
- 14330-2 | I just want to make sure that there are assurances that the people whose comments were made after that
 14330-2 | first comment period was closed, who were opted in later were given -- their comments were given the
 14330-2 | same weight as those that made them during the official comment period. Thanks.

- 14329-1 Comment noted.
- 14329-2 Comment noted.
- 14329-3 Houses cannot be built over an underground transmission line.
Please see the response to Comment 14283-1.
- 14329-4 Please see the response to Comment 14283-1.
- 14329-5 Please see the response to Comment 14283-1.
- 14329-6 Please see the response to Comment 14283-1.
- 14329-7 Chapter 1 describes the need for the proposed project. The I-5 Project would benefit utilities throughout the southwest-Washington and northwest-Oregon area. The primary purpose of this project is to keep pace with the increasing energy needs within the project area. This project is not intended to impact power exports to California or the cost of energy in California.
- The project is needed to increase the electrical capacity of the transmission system to respond to the increasing system congestion and system reliability concerns. The congestion on the transmission system is caused by increased demand in southwest Washington and northwest Oregon and transfers through the I-5 corridor. The demand is due to increases in population and corresponding electrical usage in the area. Increased transfers are due to the location of available resources relative to the areas of greatest demand.
- BPA has an obligation to construct new transmission facilities to maintain a safe and reliable transmission system that complies with national reliability standards. BPA currently meets its obligations in the I-5 corridor. However, future load growth and potential changes to reliability criteria would cause the existing transmission system to be inadequate.
- 14330-1 Thank you.
- 14330-2 Although BPA had an official close date for the public scoping period, we continued to collect comments and feedback from the public prior to the release of the Draft EIS. We believe all comments are important and are considered as we evaluate the potential impacts of the proposed project. In the EIS, we refer to comment summaries that capture themes from all comments received, and include all comments as appendices. These comment summaries are available on the project website.

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607**

KATHLEEN CLARK:

- 14331-1 My name is Kathy Clark. I live in the Lookout Ridge area and am actually fairly new to the area and was
14331-2 quite shocked when I found out that there was going to be this doubling in size of power and visual height
on the power lines. I personally suffer from tinnitus and have problems with hissing sounds that -- when
the wires receive moisture, the sound that they make. I have two grandchildren that live in the area also in
Lookout Ridge and I have concerns. Even though the studies may be controversial and not ultimately
14331-3 conclusive, there appears to be a lot of power in the fact that electromagnetic fields do affect children
and animals and all humans and living creatures. That is a big concern of mine for my grandchildren and,
of course, myself and my family.
- 14331-4 Additionally, the view and aesthetics of living in the area, which is why I came to the area along with my
daughter and her family, will be insurmountably disrupted. There's no doubt about that. I'm sure as a
14331-5 project director you, yourself, would not want to have lines that go from 60 to 80 feet to 200 feet with
hissing doubled.
- 14331-6 There are also issues, as Al brought up, regarding property values. You know, it's bad enough that we've
14331-7 gone through a huge economic decline, and now people are settling in -- actually, there's very few
vacancies or available homes in Lookout Ridge right now. I tend to think that when this project goes
14331-8 through there will be a lot of availability with a lot of decreased property values.
- 14331-9 In talking with staff this evening coming in here I heard a lot of commentary about cost. I think what I just
said and other speakers have said, cost is not a one-way street. BP's costs are going to be saturated up
over maybe 100 years, decades of selling power. Our lifetimes are short by comparison and the lifetimes
of our children, and they are going to be impacted now. Personally I'm not impressed with the short-term
cost to a power company as opposed to the long-term costs of a community, hundreds of homes,
thousands of people and many surrounding issues as a result of this project.
- 14331-10 I would like to see the project consider underground or aboveground. I've been reading a little bit about
aboveground solutions where power lines are encapsulated. That's something that I think needs to be
looked into.

- 14331-1 The commenter has been added to the project mailing list.
- 14331-2 Chapter 9, Noise, discusses potential audible noise that the project would generate. More information on predicted noise levels for the alternatives is also provided in Appendix F1.
- 14331-3 Chapter 8, Electric and Magnetic Fields, discusses magnetic fields. Appendices F and F1 include predicted levels of magnetic fields for the alternatives. EMF information for the Lookout Ridge Area is provided in Table 37 and Figure 92 in Appendix F1. Appendices G and G1 include a discussion about the state of health effects research related to electric and magnetic fields.
- 14331-4 The EIS acknowledges that the proposed project would affect visual resources in communities, natural areas, and near a large number of residences, with potential low-to-high impacts on these resources. Through project siting, design, and mitigation measures, BPA has worked to minimize impacts to visual resources for all action alternatives. Mitigation measures are provided in Chapter 3, Project Components and Construction, Operation, and Maintenance Activities; Chapter 7, Visual Resources; and Appendix E.
- 14331-5 Please see the response to Comment 14331-2.
- The area around Lookout Ridge is specifically discussed in Table 37 and Figure 93 in Appendix F1.
- 14331-6 Please see the response to Comment 14140-2.
- 14331-7 Comment noted.
- 14331-8 Please see the response to Comment 14140-2.
- 14331-9 Comment noted.
- 14331-10 Section 4.7.7, Undergrounding the Transmission Line, and Appendices D and D1 describe how BPA considered undergrounding the transmission line. Placing high-voltage transmission lines underground has many constraints. It is generally cost prohibitive, often 10 times the cost of overhead lines, and BPA has an obligation to its ratepayers to keep costs low. In addition, underground lines have significant environmental impact because they require continuous trenches for construction and continuous access for maintenance and repairs. Buried lines also pose added reliability concerns as it takes much longer to locate a problem and reach a buried line for repairs than it does for overhead lines. Finally, there is a misconception that underground lines would greatly reduce or eliminate EMF levels. While basically true for electric fields, magnetic field levels can vary greatly depending on cable design, configuration and underground placement. These factors could lead to higher exposure to magnetic fields produced in an underground line. Please see the response to Comment 14331-3.

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14331-10 The only encapsulated cable system that has been developed to be installed aboveground as well as underground is the Gas Insulated Line (GIL) (see Appendices D and D1). GILs have been installed aboveground in substations or in power plants for short runs from a transformer to the switchyard. Aboveground installations are usually in confined, protected areas. Using GIL, there is a risk of leakage of sulfur hexafluoride (SF6) gas into the atmosphere. SF6 is a greenhouse gas with a Global Warming Potential of 22,000. A GIL system would require a minimum of six, 20-inch, 500-kV pipes on steel supports, plus bridges to cross highways, rivers and railroads.

14332

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607**

DAVID PORTER:

14332-1 I'm David Porter. We live down in what you call section 52, and a couple of my primary concerns are I have a baby daughter that's two years old and I've read the studies, though inconclusive, are definitely outlined in the EIS statement stating that there is some concern about leukemia. When I spoke with your EMF representative they said the cost to put it underground would be 15 times. I said, "Is that the price of a life that you as BPA puts on somebody?" It's disheartening to hear that; that it's all about cost and even though there was no -- she didn't intend any disregard, it is a disregard for the community, as I feel, and for the lives of the people in the community that could be very seriously injured because of the health risks.

14332-2

14332-3 So we decided to look at maybe sell and move, and the realtor said, "You know what? You're going to have to disclose this now. Your property prices are -- you're not going to be able to get as much, especially after it's built." So that's a big concern.

14332-4 So now we're coupled with the economic decline, losing a lot of equity value in our house because of it, and now being further charged with the possible inability of selling because of having to disclose this is going to be right behind us. Fortunately for us it doesn't affect our view, but for the health concerns and the economic concerns for our community, that's my comment.

14333

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607**

SCOTT HIGGINS:

14333-1 Hello, my name is Scott Higgins. I'm the mayor of Camas, Washington, and thank you for hosting your event in our city today. We also want to thank you for the reliable power that helps a lot of our homes and businesses in the community. But done with the thanks, let me also share a few comments.

14333-2 First of all, as you all are very well aware, line 50 is a very important line to the City and we are happy to see that it is not listed as an alternative -- or a preferred alternative, and we will continue to remind you that that is not your preferred alternative. Lot 50 is unacceptable to the City of Camas and we are happy to see at least what appears to be some recognition of that.

14333-3 Secondly, we want to say that though at times it seems as though we were misunderstood, we have consistently said underground segment 52 through the parts of the city that are urban is an important aspect the City Camas is asking for. We're not interested in the entire 70-mile project. We're interested in what happens in the City of Camas, and so that section that affects the most people in the urban environment needs to be looked at, and we do not see a whole lot of real genuine looking at that in the Draft EIS.

14333-4 And the third thing that I would like to say is that Camas is in a wonderful position of being the only community that gets to bear the brunt of the entire power grid for the western United States, and though we are used to doing better than our share in the City of Camas and employing more people than our share and providing better incomes than our share, though we're used to that, it's unacceptable to have that remain unmitigated, and so we will continue to talk to you about if that truly is the only place that this entire western power grid gets to be served from, there needs to be some recognition to the fact that Camas is carrying that for the whole regional system. Thank you.

- 14332-1 Appendices G and G1 discuss the state of health effects research for electric and magnetic fields.
- 14332-2 Please see the responses to Comments 14283-1 and 14328-6.
- 14332-3 Comment noted.
- 14332-4 Please see the responses to Comments 14283-1, 14328-5, and 14328-6.
- 14333-1 Comment noted.
- 14333-2 Comment noted.
- 14333-3 Please see the response to Comment 14283-1.
- 14333-4 Chapter 1 describes the need for the project. Demand is growing in the combined areas of Portland, Vancouver (including Camas), and Longview. The entire region draws on the transmission lines along the I-5 corridor in much the same way. Though population and therefore electricity demand in northwest Oregon is higher than in southwest Washington, improved transmission is just as important to provide reliable power in the greater Vancouver area as it is the Portland area. This is because the power grid operates as an integrated system. Since there is very limited local generation, the area receives most of its power through the I-5 corridor transmission system and is especially reliant on the 500-kV system at times of peak summer demand.

The I-5 Project would benefit utilities throughout the southwest Washington and northwest Oregon area by providing a parallel network to the existing 500-kV transmission system that serves this area.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

STEVE HOGAN:

Hello. My name is Steve Hogan, and I'm a member of the Camas City Council. I am here to give you the City of Camas' official response to the Draft Environmental Impact Statement, so I'm going to read it to you.

The City of Camas does not feel that the BPA Draft Environmental Impact Statement as currently written adequately addresses the impacts of this project coming through Camas. Undergrounding of segment 52 must be studied and formally presented in this document to pass the minimum threshold for an environmental impact statement.

In the November, 2012 I-5 Corridor Reinforcement Project Draft EIS, Chapter 4, Proposed Action and Alternative section, there is about one page, 4-29, with the numbering 4.7.7, Underground of Transmission Line. The Draft Environmental Impact Statement commentary on that page cites 70 miles of 500 kV line and appears to conclude that the placing -- that placing portions or the full 70 miles of line underground is not recommended.

14334-1 The final sentence of this subject reads, quote, "For these costs, reliability and environmental reasons undergrounding of the transmission line has been considered, but eliminated from detailed study in the Environmental Impact Statement."

The City of Camas continues to advocate that the Bonneville Power Administration place underground the lines in areas which are urban areas. That means in areas characterized by already built urban residential neighborhoods. A reasonable measure of such urbanization is a density of more than four dwelling units per acre. In the City of Camas this undergrounding would entail placing approximately one and one tenth mile of line underground, which is much less than the 70-mile length of the full route.

It does not appear that the advantages and benefits of such undergrounding have been seriously considered for an urbanized segment of the line. It does not appear that the costs to the neighboring residential areas, property owners and City have been considered in the Draft Environmental Impact Statement. This is not acceptable to the City of Camas. We insist that undergrounding options be thoroughly examined in the Environmental Impact Statement.

14334-2 Camas urges BPA to conscientiously review and present a formal environmental analysis of the underground option in the urbanized areas throughout Camas in the next steps of the process. Please conduct an appropriate study that specifically evaluates undergrounding options of line 52 as a mitigation measure to impacts within the Camas urban area, evaluate other potential mitigation options and combinations of options. If you do not want to do this, we recommend that BPA find another route.

14334-3 We have been informed by BPA of the many reasons for this project. It is important that we have adequate power and ability to transmit power throughout the western US. This project is not only designed to cover the needs of Cowlitz and Clark County regions of the state. It will also serve as an effective and efficient means of transmitting electric power from Washington state all the way through southern California under emergency circumstances.

14334-1 Please see the response to Comment 14283-1.

14334-2 Comment noted.

14334-3 Comment noted.

14334

- 14334-3 Further, this project will give infrastructure to better deal with the new wind generated power that's being generated in eastern Oregon and Washington. As such, this project and the costs associated with this project are being created for a far greater region than simply in the Clark and Cowlitz Counties. BPA should place the Camas segment of the line underground. The BPA systems' needs are driving this I-5
- 14334-4 corridor reinforcement project, and therefore the cost of undergrounding should be shared by all of the system users.

Thank you very much. We'll put this in the comments section in the back of the room.

14335

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

MICHELLE WAGNER:

- 14335-1 My first question is, is there any consideration as to what form of compensation will be given to homeowners when it's time to sell our homes with the devaluation of our homes that will occur due to power lines that we currently cannot see to ones that are doubled in size, blocking the Gorge National Scenic Area?
- 14335-2 The second question would be, why are we not considering underground cables when it seems that in so many forward-looking nations that seems to be their order of trying to do underground power lines? Those are my two questions.

14334-4 Please see the response to Comment 14283-1.

14335-1 BPA would only compensate landowners for real property rights that must be acquired for this project. The value of these rights would be determined by a Fair Market Value appraisal at the time of the appraiser's inspection. The appraisal will conclude with a value that represents the present value of all future benefits.

Published studies referenced in Section 11.2.2.5, Property Values, show direct impacts to property values from high voltage electrical transmission lines on average can range from slightly more than -0 percent to as high as -6 percent. BPA's studies have historically identified an overall average range from slightly more than -0 percent to almost -2.5 percent. A recently published BPA study in the Seattle area (also summarized in Section 11.2.2.5) was able to isolate higher valued homes (near \$1,000,000) that exhibited an average direct impact of approximately -11.5 percent. Aside from higher valued homes, typical priced homes in the area impacted by this project, according to BPA studies, should realize a slight reduction in value of no less than -1 percent and no more than -1.75 percent as the project's influence stabilizes in the market.

14335-2 Please see the response to Comment 14283-1.

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607**

RAY RICHARDS:

- 14336-1 My name is Ray Richards, and I think getting a new corridor through Cowlitz and Clark County is extremely wasteful for many reasons, including view and environmental destruction and the invasion of people's properties, but I'm going to Chapter 15.2.5. I'm going to quote a few things out of the draft. It says, "Transmission line clearing and road construction would result in 1,503 acres of potential soil disturbance that could contribute sediment to streams. Compared to the other action alternatives, this would be the greatest amount of construction."
- And then it goes on, next paragraph, "Riparian vegetation would be cleared at 68 forested crossings of fish-bearing streams." That seems to be a tremendous impact when you're going to clear cut both sides of 68 fish-bearing streams. And it goes on to say, "Most crossings, 49, would occur where the existing shade level provides effective stream cooling. Impacts would be high." So 49 of those are even more significant; so the vast majority.
- 14336-2 Going down to the next paragraph it says, "The Central Alternative would cross two rivers listed as impaired: East Fork Lewis River and Coweeman River. Both streams are listed for elevated water temperature." It says, "While most of the riparian vegetation has been removed at these crossings," and it goes on. Well, that particular statement is just patently false -- most of the riparian vegetation has been removed at these crossings -- and I'm speaking of the East Fork and I know where the East Fork -- the proposed crossing at V, my family owns that. That certainly is densely forested with mature trees, and so that is patently false that most vegetation has been removed.
- We have a riparian zone that's 101 feet at that proposed crossing. That's 101 feet on both sides of the river where not a single tree is to be cut, and that's a state regulation I agree with. We obey the law. And that is something the BPA would ignore and mow down every tree right at the water's edge. This applies to option three in the preferred alternative on segment 30. That is most certainly a heavily forested crossing.
- 14336-3 Finally, I made a comment to the Army Corps representative at the City Council about their part, and I didn't receive my notification and I'm concerned about other landowners that haven't received the Corps'. I think they should be using the BPA's mailing list. Thank you.

- 14336-1 Comment noted.
- 14336-2 The commenter is correct that the Central Alternative's and Central Option 3's transmission line crossings of the East Fork Lewis and Coweeman rivers are forested. Text and analysis in the Final EIS have been amended to reflect this comment. To maintain safe operation of the transmission line, BPA would need to remove all tall vegetation or vegetation that has the potential to grow into the line. Low-growing vegetation would remain.
- 14336-3 The Corps' regulations require that they solicit comments and information on the proposed action (BPA's Preferred Alternative), to help evaluate its probable impact on the public interest. With regard to property owner notification, Corps regulations require that they issue a public notice to all property owners adjoining the proposed project site. Considering the scope and significance of this project, the Corps broadened its solicitation for comments beyond what was required. In addition to the normal distribution (e.g., website posting, distribution to agencies, Tribes, county/city officials, legislators, etc.) and mailing to adjoining property owners, they broadened the mailing list to include all properties within 300 feet of the Preferred Alternative, not just those directly adjoining the route of the proposed action/Preferred Alternative.

The Corps did receive and use BPA's mailing list and the commenter's address was included, though under the name listed on county records.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

LLOYD HALVERSON:

My name is Lloyd Halverson. I serve as a City Administrator for the City of Camas. I want to comment briefly on undergrounding and then reiterate something from a letter of our two US Senators.

With respect to Camas' request that you fully and rigorously examine the underground option for the 1.1 miles in the urbanized Camas, we urge you to look at examples elsewhere, both in the United States and Great Britain and Germany and Shanghai where this is technically and financially, evidently, feasible.

14337-1 We certainly -- one can certainly understand from BPA's draft that, quote, for cost reliability and environmental reasons the undergrounding of transmission lines has been considered, but eliminated from the detailed study. That shows that there's real concern or anxiety on BPA's part about it, and I just hope that you will reexamine that as a real solution for the long-term. Surely it will cost; however, this is a vital link in the whole system and when you think of the lifespan of that and the impacts to the neighborhood, it surely should be very carefully considered.

14337-2 And let me end by quoting a letter of November 13, 2011 from Senator Cantwell and Senator Murray. In their concluding paragraph they write, "While the exact route of the proposed transmission line has not been chosen, I urge you to carefully listen to local residents' concerns and identify a solution that has the smallest impact on property owners as possible." They wrote it much better than I would say it. Thank you very much.

14338

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

CHERYL BRANTLEY:

Hi, my name is Cheryl Brantley. I'm chair of A Better Way for BPA. The Board of A Better Way for BPA is formally requesting a 90-day extension of the public comment period. Releasing public comment just before the holidays takes valuable time away from making informed comments because every public entity, governmental entity, impacted landowners and concerned citizens are either closed or busy during this time of the year.

14338-1 Another reason we're asking for a 90-day extension of the public comment period is that I was informed -- yesterday I was informed by the Freedom of Information specialist Kim Wynn that some of our freedom of information requests might not be released to us for years. And how can we make informed and educated comments to the Draft EIS if we cannot receive the information we need before the close of the public comment period?

I spoke today with the Clark County Commissioner's office and was told that the Clark County Commissioner's office supports our request for a 90-day extension of the public comment period. Please extend this comment period so that all stakeholders have time to gather the information they need to make an informed comment to the I-5 Corridor Reinforcement Draft Environmental Impact Statement. Thank you.

- 14337-1 Please see the response to Comment 14283-1.
- 14337-2 Section 4.7.2, Transmission Line Routing Alternatives, discusses alternatives that would not pass through the Washougal/Camas urban area. The discussions also include why these alternatives were eliminated from detailed consideration. In addition, the EIS includes evaluation of the No Action Alternative, which would avoid the Washougal/Camas urban area.
- 14338-1 Please see the response to Comment 14327-1.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

DAVID SCOTT:

Thank you, I'm David Scott. I work at the City of Washougal. I'm the City Administrator, and I'm here this evening on behalf of our Mayor Sean Guard and the Washougal community.

14339-1 | First I wanted to thank you for being here in our community and having this open house and considering our verbal comment. We will comment this evening, and of course we'll have some formal written comments towards the end of the process.

14339-2 | I think overall one of the concerns that we have is that in this Washougal/Camas urban area we may be the only urban area in the preferred alternative, and we think that therefore merits some unique consideration. Other than the no action alternative, there is no alternative that does not bring the project right down Woodburn Hill and through our urban communities.

14339-3 | One of the key assets that we have here in this beautiful location is we're at the doorstep of the Columbia River Gorge National Scenic Area. It's a key asset in our community. The Woodburn Hill area includes the Lookout Ridge subdivision, which some of our neighbors have mentioned includes within it detailed provisions for preserving the outstanding views that we have of the Portland city lights, the gorge scenic area, the Columbia River, Mt. Hood, and the Cascade foothills, and we have many homes in that area that enjoy those views currently through the BPA easement in your proposed project.

14339-4 | We do have towers now that are 60 to 80 feet tall. We're aware of that. This project will, as we mentioned, double their height, which will have a significant impact on these views. In our community we rely heavily on property tax revenue to fund basic core services that we provide to our citizens, and these taxes are based on assessed values. The view impacts that are anticipated will have a negative impact on those assessed values, affect our tax base and could compromise our ability to provide core services in our communities.

14339-5 | We continue, along with Camas, to advocate strongly that BPA consider avoiding these impacts as your first consideration and that an alternative be explored that does not include the Washougal and Camas urban context. I don't need to repeat that this urban area is taking the brunt of the region's grid as it comes through our area.

14339-6 | Short of avoiding, then minimizing, and along those lines we would look at undergrounding that portion of the segment 52 that lies within our urban areas; that that be fully explored, and despite the added costs, the unique context of our urban area really demands a more rigorous analysis and consideration.

14339-7 | Short of avoiding the impacts we would look to BPA really to be a leader in their project design, being a catalyst or a facilitator of and a provider of the community amenities along this project that will mitigate against the loss in assessed value in our communities. Thanks again for being here this evening.

14339-1 Comment noted.

14339-2 Please see the response to Comment 14337-2.

14339-3 Comment noted.

Photographs and simulations are included in the Final EIS representing the view of Segment 52 as well as Mt Hood and out over the Columbia River Gorge (see Figures 7-16 to 7-19).

14339-4 Please see the response to Comment 14291-3.

14339-5 Please see the response to Comment 14337-2.

14339-6 Please see the response to Comment 14283-1.

14339-7 Please see the responses to Comments 14291-3 and 14306-4.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

CAROL SAGE-NELLIS:

14340-1 Personally I think your whole program is being handled really wrong. I think you should have had a few more things firmed up before you got people riled up, held hostage now for how many years. Did you think that you were going to get any opposition when some of the most expensive real estate is right here in the Camas area? Did you think people were just going to roll over?

I think the average homeowner in this area is tired of being held hostage by BPA, and we literally are. We can't sell, we can't build. There's lots of reasons why we are being held hostage.

14340-2 One person asked, are you going to supplement us when we sell, or if we can ever sell, at least in my lifetime? I'm 73 years old. If I can't sell, my kids are burdened with whatever is left on my mortgage or whatever, or they lose it if I die tomorrow and they could not keep up my payments. So basically what I'm saying, we have reached -- and I hear this all the time from everybody, we're tired of being held hostage by BPA. Thank you.

14341

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

CATHI SIMMONS:

14341-1 Cathi Simmons. This is sort of last minute, but a long time has gone by since we've been in this process. I invite anybody in this audience to get an EMF meter and look at even what 120 kilovolts can raise in terms of EMF. I did this in our area. Try to imagine that it's at 500 kilovolts, and even thinking about that much EMF among a populated area or in a populated area is really unconscionable.

I was surprised our own home was not directly affected, but the one next to us was off the chart. We were in the three to four milliwatts. The rest of them next door who have cattle right underneath this line was off the chart. So imagine a 500-kilovolt line near you, and I invite anybody -- these things are expensive. They're like \$125, \$130 to get one, but there's some that are around, and if you could borrow one to find out what your situation is now and then try to imagine 500 kilovolts near you, it's just unconscionable.

14341-2 There's a gray line which does not go through populations and, you know, this is something that seems to me to be a good alternative to what we have right here. Thank you.

- 14340-1 BPA realizes that proposing a new transmission line project can introduce uncertainty. We welcome comments from the public and property owners and believe it is important to consider this information as we evaluate the potential impacts of the project on the natural and human environments.
- 14340-2 BPA understands the commenter's desire to have updated information and to learn about our project decisions as quickly as possible. We want to ensure that we provide a complete and comprehensive environmental review for consideration and comment. That takes time. The additional time allows BPA to consider the comments it has received about the project and complete environmental analysis of issues identified by landowners and stakeholders. This will help BPA make a well-informed decision about whether, and where, to build a new line and substations.
- 14341-1 Please see the response to Comment 14328-6.
- 14341-2 Section 4.7.2.4, Northeastern Alternative, North of Silver Lake, Washington, explains why potential routes farther east were considered but eliminated from detailed study. BPA believes that the reasons provided in the EIS for eliminating these alternatives sufficiently explain their elimination.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

PHIL BOURQUIN:

My name is Phil Bourquin, and I'm Community Development Director with the City of Camas, and I know we've had a lot of City officials speaking here tonight, and I think they've addressed the comments generally.

- 14342-1 | I just want to add that in the City of Camas we have a very long history of comprehensive plans, and that plan includes adoption of regulations that implement the community's vision. One of those regulations is an ordinance that addresses undergrounding, and I just want to reiterate that for the record. Thank you.

14343

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

GANG YUAN:

- 14343-1 | I live in a house under the transmission line. I've got a problem first that I didn't get any kind of letter or e-mails or anything to tell me what's going on. And we got the alert from the neighborhood, so I come today and talk to the people here and understand what's going on.

- 14343-2 | So first of all, I have an engineering background. I have a PhD, and I question the whole kind of environmental impact due to this change, and I don't think I got a satisfactory answer. And the major concern for me is, you know, giving so dense populated, you make so significant change, I think the research -- I haven't got the kind of answer which can satisfy me for what is the electromagnetic impact.
- 14343-3 | And the engineer told me that the only criteria they're using is kind of just the EFD type of impact, which means if you touch it and it don't shock you, that's the criteria.

- 14343-4 | So my concern is really the people who live under the transmission line. What is the long-term impact on the human health? And I haven't seen any kind of data that can convince me that the research is being done. So basically, there is a lot of kids and people living in that area. Given this kind of significant change my concern is mainly on the human long-term impact.

Also, it's what kind of data is being collected to justify this change? I want to see the scientific background of this so you cannot just tell people, say this is simply a software simulation.

- 14342-1 Comment noted. The City's Comprehensive Plan and Zoning Code are addressed in Section 27.26.2 of the EIS. Also please see the response to Comment 14283-1.
- 14343-1 BPA attempts to notify affected property owners directly when we introduce projects. We regret that people find out about the project through other means. BPA collected names and addresses from county data for all segments under consideration, and announced the project publicly through local media, a project website and local neighborhood associations. We continue to update our mailing list as the project continues.
- 14343-2 Comment noted.
- 14343-3 Please see the response to Comment 14328-6.
- 14343-4 Please see the response to Comment 14328-6.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/10/13 at 6:00 p.m. Liberty Middle School | 1612 NE Garfield St | Camas, WA 98607

ZHIMING MEI:

- 14344-1 | So just in addition, this segment 52 just crosses this very populated area, and then there are many small neighborhood streets that go across your proposed line. And the problem with that is when you double this height and also the capacity and you have a higher voltage, the concern is you have many kids and then people are running around in that area because they're running around in the trails and the roads, and if they hurt themselves or do damage to their lines -- and this is something that I don't know if you ever considered.
- 14344-2 |
- 14344-3 | And then compared to the other locations you might want to think of an alternative way and then avoid, you know, dense areas and also many like public trails and public parks and near this segment 52. So that's my pretty much concern. Thank you.

14345

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

KEN EDWARDS:

- 14345-1 | Hello, I'm Ken Edwards. I am the president of the Clark County Farm Forestry Association, and I just wanted to come and give some public comment.
- 14345-1 | We've been doing this for four and a half years, I'm guessing, somewhere in there. One of the things that I think concerns the private tree farmer and myself is sharing the burden. It seems to me this is a State, Federal project. I personally believe that the burden should be shared as much as possible by the State and Federal agencies and lands.
- 14345-2 | The impact through north county affects a lot of private tree farmers. We represent 251 members. We are a business. We are a business that was started for future generations and generations to come. This is not just an impact that is a one-time good deal. This is an impact that goes on and on and on with the loss of property that will never be regenerated.
- 14345-3 | In one case -- I'm just going to state the one case. There are many more like this, but in one case instead of sharing the impact with the timber -- private timber farmer, instead of sharing the impact with the State which borders on two sides of the property, the Bonneville Power Administration has chosen to take a diagonal swath through the center of that one member's property. This isn't sharing the burden, this isn't lessening the impact.
- 14345-3 | I'm not going to speak for that person, but I think that you would see that more private farmers would be more willing to work with Bonneville Power Administration if they showed us some kind of reasonable sharing of the burden. I know that my property -- I am one of the members. My property is -- I'm losing three acres of property. I could be sharing that with the State land behind me.
- 14345-4 | It's kind of like stepping across a pond and using the frogs' heads, and the private person out there is the frog. We are stepping on the heads of the private person because they don't have the ability to fight or to put up any kind of a reasonable case if you want to listen to it.
- 14345-4 | The other thing is, I just wanted to real quick just say that these are private tree farms. Some of them have been in existence for 100 years or better. I planted my trees for my children and their children to come, and these are some things when it comes right down to brass tacks is what we're going to have to talk about is the impact, not only for myself, but for my children and my children's children and children to come. Thank you very much.

- 14344-1 Comment noted.
- 14344-2 BPA is proposing to use existing right-of-way on Segment 52. BPA did consider the impacts the commenter describes in Chapter 5, Land, Chapter 6, Recreation, Chapter 8, Electric and Magnetic Fields, and Chapter 10, Health and Safety.
- 14344-3 Comment noted.
- 14345-1 Though the project is solely a federal project, BPA is working closely with WDNR, which is a major landowner along the Preferred Alternative. One of the reasons the Central Alternative using Central Option 1 was identified as the Preferred Alternative was because it would use large blocks of public land. See Chapter 5, Land and Chapter 11, Socioeconomics for discussions about timber resources and BPA compensation for affected properties.
- 14345-2 Comment noted. Section 11.2, Environmental Consequences, describes the potential impacts of the project on agricultural and timber production.
- 14345-3 Land use and ownership is one of many factors that BPA considers when siting a new transmission line. Chapter 2, Facility Siting, Route Segments, and Action Alternatives, explains the siting process. Please also see the responses to Comments 14097-1 and 14110-1.
- 14345-4 Comment noted. Section 11.2.2.7, Private Timber Values, and Sections 11.2.3, Castle Rock Substation Sites, through 11.2.7, Crossover Alternative and Options, describe and quantify the value of timber cleared from private lands, and the value of foregone revenue from future timber harvests that would have occurred without the project. Private landowners whose land the project will cross will have an opportunity to negotiate compensation with BPA.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

RAY RICHARDS:

- 14346-1 | My name is Ray Richards. I'm with A Better Way for BPA, and I'm also a landowner affected by route segment V and I can agree with what Ken was saying about his property being trampled over. It goes over 200 acres of our place and crosses the East Fork of the Lewis. I spoke to that at the last meeting; 68 stream crossings and the damage that would do to primary slopes by bulldozing the stream edge.
- 14346-2 |

Today I'm looking at Chapter 4.7 and 4.7.1 out of the Draft, and I will read a few excerpts and make a few comments there.

4.7 starts out, "Alternative considered but eliminated from detailed study." This section describes alternatives that were considered by BPA but eliminated from the EIS, and then down to point one, "BPA considered whether there could be a solution to the project need that would not require the construction of a transmission line, otherwise referred to as a "non-wires" alternative."

The possible non-wires measures identified include the following: Energy efficiency; demand response, which is managing when power is used at its source; distributed generation, using small diesel generators or solar power at or close to the source of the load; and generation redispatch, which is changing which large generation sources serve the load.

I want to talk about distributed generation. That's generating power wherever the need is located, and it goes on here to say, "For distributed generation, small generators are used at the source of need or load, such as solar panels on a house or business, or diesel generators at buildings, grocery stores, or local utility substations. Distributed generation would be required five to twenty days per year, depending on the weather."

- 14346-3 | It goes on to say, "The installation of new generators, which would be used on hot summer days when air quality concerns are greatest, may be inconsistent with BPA's all-over environmental objective because of air quality impacts." Well, right there BPA has totally dismissed the use of solar panels. It's introduced as a source of distributed generation, and then they say, well, we can't consider distributed generation because of these dirty old diesel generators.

Well, no mention of solar panels. In California they have a long running program to install solar panels on every roof, but any roof owner that wants a solar panel, they're helping to fund that. I think BPA should be doing something on the rooftops with solar rather than the new power lines -- I'm just finishing up here -- solar panels being cheaper and more efficient.

And it goes on to say, "Generation redispatch would require turning off large generators located north of the metro area." It says, "Generally this would allow loads in the metro area to be served from the south or east and power serving loads in California would not have to flow through the area." California can generate their own electricity from their solar panels.

Final statement, "These studies did not address commercial requests for new transmission service on the SOA path," which means power generated facilities who want to use BPA's transmission lines that sell power to the customers. Well, that's fine, that's what they do, but it's not fine if they're destroying my property and my neighbor's property in order to do it.

14346-1 Comment noted.

14346-2 Please see the response to Comment 14336-2.

14346-3 Please see the response to Comment 14144-2 for information about non-wires alternatives.

BPA has adopted an Open Access Transmission Tariff for its transmission system that defines the terms and conditions of transmission services offered by BPA. This tariff, which is generally consistent with the Federal Energy Regulatory Commission's pro forma open access tariff, has procedures that provide access to BPA's transmission system for all eligible customers, consistent with all BPA requirements (including the availability or development of sufficient transmission capacity) and subject to an environmental review under the National Environmental Policy Act. The role that requests for transmission service play in the proposed project is discussed in Section 1.1.2.4 of the EIS.

14347

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

JIM MALINOWSKI:

I'm Jim Malinowski. I live about a mile from here outside of Amboy. I belong to a number of organizations that have interest in this project. I don't represent -- my comments today don't represent the view of any of those organizations, only my own.

- 14347-1 | I am an electrical engineer. I believe Bonneville is a fine organization. I'm disappointed in the selection of an easterly route when the least expensive route is on the existing right-of-way and it has far less environmental impacts and impacts on people, particularly tree farmers. And so I would urge you to really go back and reconsider your decision to go off of the cheapest alternative and the one that has the least environmental impacts and the impacts on tree farmers and rural folks.
- 14347-2 |
- 14347-3 | The other thing that really bothers me as a resident of this area is the fact that you've selected a route that goes right in front of Tum Tum Mountain. This is a beautiful scenic area and to me it's sacrilegious to the idea. And I'm an electrical engineer, and I've promoted these types of projects in my career, but I just don't think this kind of industrial facility belongs in front of a scenic landscape feature like Tum Tum Mountain. So if you're going to stick with the existing route and not go on the old route, at least take the path that goes behind Tum Tum.
- 14347-4 | Again, I think that it bothers me that you've selected an alternative that's most expensive and one that has the most environmental and scenic impacts.

14348

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

BARBARA ROGERS:

- 14348-1 | My name is Barbara Rogers and I live about two miles from where the proposed line is going to be. My comments will be a little more personal. I have a son-in-law who was raised underneath power lines in a family of four. He's the only one left. The rest of the family all died of cancer. Maybe there's a connection, maybe not. I don't know, but I'll always believe there is, and for that reason I believe you should take the power line that's already in existence so there won't be added exposures.
- 14348-2 |

14349

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

MARY JANE LIU:

- 14349-1 | Hi, my name is Mary Jane. I think this is very important. I don't like power lines because they hurt the fish in the streams. I like coming to visit and see scenery, not look at the power lines. They are also dangerous to kids. I don't think you should put up much more. I think you should think of the people that this is affecting also. The route goes straight through some properties. I think that a solution is needed.
- 14349-2 |
- 14349-3 |
- 14349-4 |

- 14347-1 Comment noted.
- 14347-2 Please see the response to Comment 14110-1.
- 14347-3 Chapter 2, Facility Siting, Route Segments and Action Alternatives, describes the process used to select route alternatives. BPA considered routes on both the west and east sides of Tumtum Mountain. BPA's Preferred Alternative includes Segment 28, which is on the west side of Tumtum Mountain. Industrial land use already exists on the west side of Tumtum Mountain and the proposed transmission line and roads cross that industrial land.
- 14347-4 BPA considered routes on both the west and east sides of Tumtum Mountain. BPA's Preferred Alternative includes Segment 28, which is on the west side of Tumtum Mountain.
- Please see the response to Comment 14110-1.
- 14348-1 Please see the response to Comment 14328-6.
- 14348-2 Comment noted.
- 14349-1 Potential impacts on fish from the project are in Chapter 19, Fish.
- 14349-2 Comment noted.
- 14349-3 Please see the response to Comment 14328-6.
- 14349-4 Comment noted.

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601**

LINDSEY LIU:

- 14350-1 | Hi, I am Lindsey Liu and I don't like power lines because they're ugly and they can make kids sick. We
14350-2 | should use the one we already have. I don't like them also because they can kill fish and forest animals
14350-3 | and lots more.

14351

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601**

PAULA OVERHOLTZER:

- 14351-1 | I'm Paula Overholtzer. I have been a teacher in Battle Ground and La Center schools for 30 years, part of
the time a science enhancement teacher feeling that caring about the environment, recycling, doing all
the correct things was important to teach to our children.
- 14351-2 | And I'm a property owner one mile from the power line -- the proposed central alternative. I have both
sides of Rock Creek -- half a mile of Rock Creek running through my property. I have treasured that
creek. I have protected it. I would not even think of cutting trees down by the water. We watch the
steelhead pool up underneath our little bridge every August and September and take pictures of them.
Our grandchildren come and walk the creek and catch crawdads and all kinds of salamanders and lizards
down there, and the whole idea of 68 stream crossings, including multiple times I suppose of Rock Creek,
is just tragic. I think crossing those streams out in that pristine country where all those wildlife species live
is tragic.
- 14351-3 | I know what power lines can do because I have hiked the Appalachian Trail on the east coast. I've hiked
through seven states. I've seen where the power lines come blasting through, and the Appalachian Trail
comes in under the lines and there is no vegetation. It's all dead and brown, and right up to some streams
along there too, and it's just -- it was an extreme disappointment hiking the Appalachian Trail, beautiful
Appalachian Trail, and then to see it be crossed by power lines hundreds of times over and over.
- 14351-4 | Also, I agree with Ray Richards. I strongly propose that people in California and the states that seem to
need some power occasionally from BPA sent to help them in air conditioning their homes, I think they
need to have solar panels on their roofs. They need to figure it out for themselves. We don't need to be a
corridor for their power supply.
- 14351-5 | And lastly, I feel that one of the books I strongly advocate everyone read is The Lorax, and I consider
myself kind of like The Lorax. I would like to speak for the trees and the salamanders and the creeks, the
steelhead, all the animals, all the deer, the bears. We see so much wildlife, so many animals that -- the
birds that these power lines impact. So everybody go home and read The Lorax.

- 14350-1 Please see the responses to Comments 14328-6 and 14349-2.
- 14350-2 Please see the response to Comment 14110-1.
- 14350-3 Potential impacts on fish from the project are in Chapter 19, Fish. Potential impacts on wildlife from the project are in Chapter 18, Wildlife.
- 14351-1 Comment noted.
- 14351-2 Comment noted.
- 14351-3 Comment noted.
- 14351-4 The state of California has its own energy commission that is expected to forecast future energy demands, promote conservation, and promote renewable resources, such as roof top solar panels. Their efforts are incorporated into the study cases that BPA uses to plan the transmission system.

In addition, BPA and the electric utilities in the four Northwest states have achieved 3,700 average megawatts of energy savings through energy efficiency in the last thirty years. This is enough energy to power all of Idaho and western Montana. Together, the Northwest Power and Conservation Council, BPA, and regional utilities are designing programs to capture over 5,000 aMW of energy efficiency in the next 20 years.

While some of the energy moving across BPA's transmission system would be transmitted to California as well as other parts of the interconnected system, it is growth in energy demand along the local I-5 corridor that is driving the need for a new line. The majority of power transmitted over the new line would be used to serve local needs. The project is not intended to increase the transmission system's capacity to send power to California. Chapter 1 discusses the purpose and need for the project. See also the response to Comment 14144-2.

- 14351-5 Comment noted.

14352

Did you know you need to send your comments to the Army Corps of Engineers? Did you know that the public comment period started January 4th and ends March 1, 2013?

On December 17, 2012, I formally requested that the Corps notify every property owner across all possible project alternatives and options on BPA's distribution list, which encompasses approximately 14,000 addressees, about its Public Comment Period. I wrote that "Failing to notify all landowners impacted by this project would be a grave error in the Environmental Review for this project".

The Corps responded by saying they would only include properties within 300 feet of the preferred alternative.

To date, not one of the landowners along the Preferred Alternative that we work directly with has received this notification by mail.

This is unacceptable!

The Corps also responded by saying they would "Send an electronic copy of the public notice to the email addresses they have for several organized groups such as ours so groups may distribute it to their members or other interested parties."

14352-1

The Corps did send our group this notification, but waited until January 4th to do this instead of giving us time to get the word out before the official public comment began. As far as we know, we are the only group staying active and notifying landowners of these important dates.

This is unacceptable! I want to inform all attendees today that you need to submit comments to the Army Corps of Engineers regarding the impacts to private land, the environment, your community and waterways. Submit your comments to Steve Manlow at the Army Corps of Engineers.

Steven.W.Manlow@usace.army.mil

In the subject line write: Public Notice Comments on NWS-2011-346; BPA (I-5 Corridor Reinforcement Project)

Steven W. Manlow
Biologist/Project Manager
U.S. Army Corps of Engineers, Seattle District Regulatory Branch Southwest
Washington Field Office

Vancouver, WA 98661

14352-1 Please see the response to Comment 14336-3.

**BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held
01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601**

SCOTT LEVANEN:

- 14353-1 My name is Scott Levanen, and I'm not a public speaker, I'm a logger by trade, and as I sit here there have been some nice comments, and I would like to speak to the group also. We each have our individual needs and desires, our own creeks, our own trees. We don't want to get into that, but with our consideration of what this would do to the tree farmer and our productive lands, we no longer would have that.
- 14353-2 We're into our fourth generation of family involved in our tree farm. We hope it's to go on, if God wills. But we have -- with consideration of my comments I would like it on the record that visiting with some of the folks along the existing line we know it affects them, but they knew good and well when they purchased. Even one man made the comment that he had a 30-percent deduction in the financing of his home because it was along his property, that power line. Why would they be opposed in such a severe manner that the line would be where it's existing? I know it does affect them. They also had the benefit of knowing that ahead of time.
- 14353-3 A second option is to go to the far east and work with a public agency, DNR and the forest service, PP&L. Those folks would be -- as this is a benefit for the general public, let's take it from the general public and look at saying if we can do this easterly route, go as far east and go through the lands that are not going to affect so many individual farmers and families. We don't all have to be farmers, we can't all be farmers,
- 14353-4 but it does affect the farming community, whether it's timber or crop, if it comes from the ground. Thank you.

14353-1 Comment noted.

14353-2 Comment noted.

14353-3 Please see the response to Comment 14289-3.

14353-4 Comment noted.

January 12, 2013

**BPA DEIS Public Meeting
Amboy Middle School**

All I have at this time is a request.

I respectfully request that the comment period for the DEIS be extended 90 days beyond the March 1st deadline.

You only just got this out to us in mid-November, the lead in to the holiday season, which is accompanied by “the just about everybody gets sick during the holidays” season.

14354-1

This document has been a work in progress for the BPA for three years. Three and one half months, plus 90 minutes for public speaking is not enough time to go through this document.

I have skimmed through the DEIS and see that I will have multitudes of questions to ask and comments to make, and I can't do it by March 1st. I am sure I'm not the only person in this situation.

Thank you for your consideration.



Merle L. Moore

Central Alternative, Option 3

14354-1 In response to public comment, BPA extended the comment period until noon March 25, 2013.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

MIKE DUNN:

- 14355-1 Mike Dunn. Our concern, among others, was the amount of time that it's taking for BPA to make a decision one way or the other and the number of people that are still held hostage by this thing. We got our little love packet in the mail from BPA over three years ago. We were trying to sell our house possibly this spring, but we're obviously going to have to include a disclosure that there's some potential BPA could be moving their power lines close by.
- 14355-2 We're on segment 30, which is out of the running now. It looks like we're still in the alternative zone, but not the central alternative, which we see has been chosen, but if we went to sell our home it looks like it will be something to dissuade a potential buyer with this ball and chain hanging over our head all the time. And so we can't honestly sell our home without disclosing the potential of this happening in our presentation to any potential buyer. But I think everyone just wishes BPA would pick up their behind one way or the other and cut the people loose who are not going to be affected by it because it's been ongoing for years on end, over three years now, and it looks like it will be a couple more years to come.
- 14355-3 I have cancer, melanoma cancer, that could kill me just about any time, and we were kind of wanting to head back to the east coast where we're from originally to be closer to family and friends. And time may not be of any real concern to a lot of people, but for us it definitely is, so please consider that. Anything you can do to speed things up, send us some sort of letter or release form, whatever, something to cut us free from this thing as soon as possible would be greatly appreciated.

- 14355-1 Please see the response to Comment 14340-2.
- 14355-2 Please see the response to Comment 14340-2.
- 14355-3 BPA recognizes that time is precious to many people who live along the proposed alternatives for this project. We are sorry to hear about your cancer and hope you are able to spend more time with your family and friends. Although we would like to make decisions quickly, we also believe it is important to take time to evaluate potential project impacts and make the best decision possible with the information we have. Until a decision is made about whether to build this project and if so, where to build it, we believe it may be premature to drop reasonable alternatives from consideration.

14356

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

Howard Cook - Please correct the address

Mailing

not Ambloy

Delete Tum Tum Log Cabin Club as, no longer exists.

14356-1



1 of 1

14356-1 BPA made the requested changes to the project mailing list.

BPA I-5 Corridor Reinforcement Project Verbal Comment from Draft EIS Public Meeting held 01/12/13 at 2:00 p.m. Amboy Middle School | 22115 NE Chelatchie Road | Amboy, WA 98601

ROD SMITH:

- 14357-1 | My name is Rod Smith. Thank you for this meeting again. I point out that it's a fantastic Saturday, so weather and NFL football may play a role in the turnout we have today.
- Our neighborhood group is called Friends of Upper Lacamas Creek. I'm also a board member for Better Way for BPA, and I'm a property owner that will be affected by this project.
- 14357-2 | A couple things right off the bat: In producing the DEIS there's really no section on how property owners will be affected from a liability standpoint on this. For instance, hypothetically let's say somebody accesses property that's occupied by the project, goes in, and good people may do stupid things. I'm sure they climb the towers and such, and if they injure themselves what kind of plan does BPA have to hold the hosts of this project, us the landowners, harmless from anything anyone might do?
- In a lawsuit situation one might assume that an injured party, regardless of how idiotic their move may have been, would throw a wide net out to sue as many people as possible, and we would certainly hope that if this project ends up unfortunately being built on one of our properties -- and I'm speaking more for membership than myself here obviously -- how is BPA going to protect us, the property and landowner, from any liability that may happen as a result of this project which was not sought out certainly by the landowner? So we would certainly like that addressed.
- 14357-3 | Secondly, specifically as this affects us, we live along the P line and this stretch of project runs approximately 1,000 feet -- sorry, roughly a quarter mile -- half a mile directly on top of a stream that runs year round, and the 25 members of our, for lack of a better term, action group, neighborhood association would really like to see this project moved at least 1,000 feet to the east so as to avoid wildlife buffers that were set up by the State of Washington as mandated by the State Forest Practices Act.
- 14357-4 | These were set aside to protect wildlife, riparian zones, fisheries. This is a fish-bearing stream. We believe that it makes absolutely no sense, and nobody other than a federal agency would be able to violate the Washington State Federal -- or Washington State Forest Practices Act like BPA is proposing here. BPA obviously can use its position as a federal agency to do that. We hope that that doesn't happen.
- 14357-5 | We would also like to see access roads and access through that timber cut that was just done within the last year and a half, the Ocean Spray timber sale.
- 14357-6 | And, finally you mentioned, Mark, that we've been -- you've been working with neighbors over the last three years on this project. On behalf of our neighbor group it's actually been closer to two since we were opted in this spring. So just to point that out, it hasn't been three years. There are other people that have been notified and given comment periods that conflict with the overall project.

- 14357-1 Comment noted.
- 14357-2 Section 5.2.2.2 Unauthorized Access, has a general discussion about unauthorized access. Appendix A, Washington Department of Natural Resources Lands Analysis, also addresses the potential for unauthorized public access on BPA transmission right-of-way and adjacent areas, as well as possible consequences of such access and methods that would be used to prevent or hinder this access. While discussed in terms of WDNR lands, the same issues and concerns would apply for other landowners as well. Regarding the specific concern raised by the commenter, while there is the potential for individuals to injure themselves from climbing transmission towers, this is considered an extremely remote possibility. As mentioned above, BPA takes reasonable precautionary measures to prevent such an incident, such as placing gates at the landowner's request at the entrance of access roads to prevent public access onto public and private land and the right-of-way. However, if such an incident were to occur, there is always a possibility that someone who is injured could seek to hold the underlying landowner, as well as the United States, responsible. The outcome would depend entirely on the facts and circumstances of the case. See also the response to Comment 14242-1.
- 14357-3 Please see the response to Comment 14097-1.
- 14357-4 Please see the response to Comment 14097-1.
- 14357-5 Please see the response to Comment 14119-2.
- 14357-6 Comment noted. In August 2010, BPA did announce adding new segments to the project for consideration.

14358

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project

Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Felicia Hoodempyl

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14358-1 I live on Thompson Road, Yacolt. This road is listed as an access road for construction. The end of the road turns to gravel and crosses Thompson Creek. This part of the road will not support any large vehicles. In order to accommodate traffic of that caliber, serious improvements would be needed, most likely to the detriment of Thompson Creek.

14358-2

14358-3 Access is already being gained via Falls Road. It seems senseless to cause damage to Thompson Road when access is already there just a few miles away on Falls Road.



1 of 1

14358-1 Please see the response to Comment 14119-2.

14358-2 Please see the response to Comment 14119-2.

14358-3 Please see the response to Comment 14119-2.

14359-1 Comment noted.

14360-1 Comment noted.

14361

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Michelle Waaner

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14361-1 The Central Alternative (Section 52)

14361-2 is an unexceptable proposal in a

14361-3 dense residential area (Lookout Ridgget

14361-4 Granite Highlands) This section of

14361-5 power lines must be put underground;

14361-6 period. When we purchased our

14361-7 house, we did not agree to look

14361-8 out on 160' foot towers that

blocks the view from our home of

the Columbia River Gorge National Scenic

Area. Nor, did we agree to subject

our children to an increase in the

Electrical Field of 5.1 kv/m, and an increase

of 50 mG in the Magnetic Field. We saved

a lifetime for our dream home, and now

with the Central Alternative we can expect

our home value to perhaps plummet 30 to 40%,

our young children's exposure to electric and

magnetic fields to significantly increase, and our

beautiful view of a National Scenic Area to

be destroyed. Yes, there will be increased costs

associated with ensuring the health, wealth and

beauty of Washougal area residents, but it is the

moral, ethical, and right thing to do.



1 of 1

- 14361-1 BPA identified the Central Alternative using Central Option 1 as the Preferred Alternative by balancing many factors, including impacts to rural and urban population centers. Chapters 5, Land, and 11, Socioeconomics, include impact discussions for land use, population, and communities.
- 14361-2 Please see the response to Comment 14283-1.
- 14361-3 Chapter 7, Visual Resources, describes the potential impacts the proposed project would have on visual resources. The EIS acknowledges that the proposed project would affect visual resources in communities, natural areas, and near a large number of residences, with potential low-to-high impacts on these resources. BPA has made changes to the design of the Preferred Alternative to minimize potential impacts. BPA would also use mitigation measures to minimize impacts. These are provided in Chapter 3, Project Components and Construction, Operation, and Maintenance Activities; Chapter 7, Visual Resources; and Appendix E.

Photographs and simulations are included in the Final EIS representing the view over the Columbia River Gorge and Segment 52 (see Final EIS Figures 7-16 through 7-19).

- 14361-4 These EMF values represent the maximum peak on the right-of-way during the worst possible operating conditions. It is probable that these operating conditions would rarely, if ever, occur. They are not representative of what a person would experience regularly. The average field values are lower and better match what can be expected typically. Further, the right-of-way width has been determined with public safety in mind as EMF drops with distance.
- 14361-5 Please see the response to Comment 14140-2.
- 14361-6 The electric field would increase slightly on the west edge of the right-of-way; however, the field would actually decrease on the east edge. The magnetic field would also be lower on both sides of the right-of-way. The lines are designed so that all substantial field increases are restricted to the right-of-way.

See also the response to Comment 14328-6.

- 14361-7 Please see the response to Comment 14361-3.

Photographs and simulations are included in the Final EIS representing the view over the Columbia River Gorge and Segment 52 (see Final EIS Figures 7-16 through 7-19).

- 14361-8 Comment noted.

14363

THOMAS J HOESLY

01/21/2013

14363-1 | Location shown on photo overlays indicates a gap between the proposed easement and our property

14363-2 | line. Please move easement to coincide with property line. Also, access roads indicate building an

14363-2 | additional road parallel to existing roads. We do not want additional property taken out of production.

14363-1 Please see the response to Comment 14097-1.

14363-2 Please see the response to Comment 14119-2.

November 20, 2012

Mrs. Susana Andreica

To Whom It May Concern:

14364-1 I am writing this letter to inform you of the damage that you will cause by going ahead with the proposed power line project in the most populated region. You have asked the community to make suggestions but have chosen to ignore them. The consequences of your decision will devastate our community, our homes and our families. This is a brief description of my particular situation.

14364-2 The proposed transmission line (Section 35) crosses through the center of my twenty acre property. I purchased the land in 2006 with the intention of building my new retirement home. This was going to be the place where I would spend the remaining part of my life in the peace and tranquility of the forest. The land has been cleared, leveled, retaining walls, gate and driveway built, decorative trees planted (50 Turkish Firs & 8 Redwoods), deep water well located and a large garden fenced in (See photos). I was in the process of finalizing the floor plan of my house when I found out about BPA's I-5 Corridor Reinforcement Project.

14364-3 I have invested a great deal of time, money and effort only to have it destroyed by your 500kV power lines. This construction will ruin my property and destroy the value of the land. I don't want to build my dream house under your power lines and I'm pretty sure that no one wants to either. So the questions remain...

14364-4 Who is going to pay for this property and the improvements that have been made?
When will I be compensated so that I can purchase another property and start over again?

14364-5 This is a tragic waste. I wish you would reconsider your decision.

I look forward to your response.



Susana Andreica

- 14364-1 BPA considers all comments received and appreciates public input. Section 1.6, Public Involvement, discusses public outreach efforts. BPA will continue to seek public input on the project until BPA's Administrator makes a decision. Public input has influenced the project in a number of ways. BPA has extended comment periods and considered multiple options as suggested by the public, though we are not always able to accept every suggestion. The Final EIS includes BPA's responses to the comments received from the public and any changes we have made.
- 14364-2 Please see the response to Comment 14328-5.
- 14364-3 Please see the response to Comment 14140-2.
- 14364-4 BPA would pay for any land rights that it needs to acquire. BPA would compensate the landowners for the land rights acquired after the easement has been recorded and the title has been cleared.
- 14364-5 Comment noted.



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14365

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

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12-9-2012

Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14365-1

Towers 18/27
18/28
18/29

→ Please have a design engineer
Call me for a site visit.

Add this to your comment

14365-2

Hi my name is Cort Huehl and I am concerned about the wet lands and beyond where the towers are going and the value of our property getting even worse than ^{what} it is ~~now~~ now. We will not be able to sell our house at market value

14365-3

and concern about health problems of the power lines

14365-4

I would like it if we can have a site visit please call to let us know ~~then~~ you

14365-5



- 14365-1 BPA called the landowner on January 25, 2013 to discuss his concerns. Please see the response to Comment 14097-1.
- 14365-2 Placement of towers within wetlands would be avoided where possible during design of the transmission line and access roads. Mitigation measures identified in Table 3-2, Mitigation Measures Included as Part of the Project, and Chapter 16, Wetlands, would be used to further avoid and minimize impacts to wetlands to the maximum extent possible.
- See also the response to Comment 14365-1.
- 14365-3 Please see the response to Comment 14140-2.
- 14365-4 Chapters 8, Electric and Magnetic Fields, and 10, Health and Safety, and Appendices F, F1, G, and G1 provide information about potential health impacts.
- 14365-5 BPA contacted the commenter and made arrangements for a site visit.

14366

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

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Name (will be included with your comment in the final EIS) ANN VANDUYN

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Please keep me on the mailing list

Comments:

14366-1

I would like to discuss specific locations in or near my property with the design team.

I can be contacted by:

Phone

Email

Mail address above



1 of 1

- 14366-1 BPA informed the commenter that her property is not near BPA's Preferred Alternative and explained that BPA is meeting with landowners on the Preferred Alternative.

14367

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

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Name (will be included with your comment in the final EIS) Scott Spencer

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14367-1

Would be interested in seeing a more detailed map of the Castle Rock area including Westside Hwy.



1 of 1

14367-1 BPA mailed a Map to the commenter.

14368

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project
Draft environmental impact statement comment form

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Name (will be included with your comment in the final EIS) Dell Hillger, Utilities Manager

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

Cowlitz County Department of Public Works, Utilities Division, has a concern in the area where the preferred route crosses Hwy 504 (Spirit Lake Hwy), just east of Castle Rock. At

, the County operates a pump station that supplies drinking water to residents and businesses along Hwy 504 up to our next pump station at about mile post 2, which then supplies water along Hwy 504 all the way to Toutle. The pump station telemetry, which tells the pumps when to run, is a radio system that is tied into the next pump station and reservoirs in the system. The telemetry radio signal travels between the pump station at 407 Spirit Lake Hwy and the next pump station at 1206 Spirit Lake Hwy.

Our concern is that the high power overhead lines passing through this area will create distortion or cause interference in the radio signals, thus causing pumping problems for the system. The potential impacts could be very costly to the operation of this system. Will the BPA lines at this location cause problems with our telemetry system? And, if your assessment says it will not, what guarantees will BPA provide should that assessment prove wrong after construction? In other words, if the project goes through and it does cause problems with our system, what will BPA do to rectify the problem?

Our radio system operates at _____ MHz. The signal between pump station locations travels between: Lat _____, Long _____ and Lat _____, Long _____

We assume that chapter 8 of the EIS on Electric and Magnetic Fields is the relative section to our concern. We have read it and spoken with our electrician and radio representative. There seems to be a general consensus that it will not pose a problem, however, everyone seems to stop short of guaranteeing that it won't. That is why we are bringing it to your attention.

Let me know if you need any additional information. You may contact me at _____, or by email at _____

Dell Hillger, P.E., Utilities Manager
Cowlitz County Department of Public Works



1 of 1

14368-1

- 14368-1 Corona from power transmission lines can cause radio interference, but not typically for the frequency used by this system. In the unlikely event that the line interferes with operation of the pump house radio control system, BPA would work with Cowlitz County to mitigate the interference.



FAX

DRAGON ANALYTICAL LABORATORY INC

Laboratory Location: Bldg 530A Ronlee Lane, Olympia, WA 98502
Ph: 360 866 0543 Fax: 360 866 0556 Email: rlewis@dragonlaboratory.com
Web: dragonlaboratory.com customerservice@dragonlaboratory.com

Date: January 15, 2013

To: BPA I-5 EIS Corridor Reinforcement Project POB 9250 Portland OR 97207

Attn: Environmental Facilitator: BPA Engineering for RFP I-5 Corridor Project

Re: Olympia Environ. Testing Laboratory serves South Puget Sound and beyond

FAX: 888-315-4503 -e/cell: 1-5@bpa.gov Tel: 800-230-6593

WE CAN MEET YOUR ENVIRONMENTAL REQUIREMENTS IN A TIMELY MANNER!

DAL has expanded and wants to let you know that we have capability to perform analyses for you or your clients' environmental testing requirements. DAL is client-focused so call us for a detailed discussion of your requirements or project. We are conveniently located in Bayside Business Park at Mud Bay or 2nd Ave and Madrona Beach Rd. in West Olympia; easy access from Freeway 101. We have ample parking for large rigs.

14369-1

DAL is accredited (C890) for drinking water, industrial wastewater, septic and storm water. We perform analyses for Inorganic and Organic elements for sludge, water and soils. We can analyze up to 70 Heavy Metals. Our staff is qualified for PCB's, Pesticides, Herbicides, VOC's, SVOC's, BOD's, TSS, TKN's, Nitrates, Sulfate, Phosphorous, Oil & Grease, Coliforms, PAH's, Diesel/Gasoline, Trihalomethanes, Copper, Lead, Nitrates for drinking water, to name a few. We support Environmental studies and Salmon Habitat restoration projects.

******* Our Mobile Lab is ready to respond to Hazardous Waste, spills and emergency events. *******

Shipping water/soil samples is simple with one-day delivery from most Northwest locations. We will ship sample bottles to you.

Thank you.

COC: CWA:SDWA:RCRA- Mobil Lab Flyer-Real Estate Flyer

Clean Water Act - Safe Drinking Water Act - Resource Conservation Recovery Act - Mobil Flyer - (request pricing: verbal, e-mail, fax)

14369-1 Comment noted.

14374

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/24/2013 3:21 p.m.**

14374-1

My name is Lynn Swanson. I did not see on the website how to make a change of address online, so I'm calling. My address was previously John and Lyn Swanson
We are now at a new address and correspondence from BPA needs to come to Lynn Swanson,
. Thank you.

14375

BPA I-5 Corridor Reinforcement Project Voicemail**Received: 01/25/2013 10:39 a.m.**

14375-1

Hi my name is T. J. Keiran. I am the city planner for the city of Castle Rock. I would like to get the
alternative routes in GIS format so that I can overlay it to on our land use and our urban service area
using our GIS. My phone number isThank you. Good-bye.

14374-1 BPA made the requested change to the project mailing list.\

14375-1 BPA provided the requested files to the city of Castle Rock.

14376

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

BPA's Proposed I-5 Corridor Reinforcement Project Draft environmental impact statement comment form

Public review of and comment on this draft EIS will continue through March 1, 2013. Comments should be as specific as possible, with references to particular pages, sections and chapters. Additional or clarifying information that should be considered is helpful. Factual corrections are appreciated. BPA staff will review all comments received and respond to them in the final EIS.

Name (will be included with your comment in the final EIS) Richard Edlich

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14376-1

I am strongly opposed to the renovation of the I5 project because it is a waste of money.



1 of 1

14376-1 Comment noted.

14377

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

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Name (will be included with your comment in the final EIS) *Catherine Woodruff*

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

- 14377-1 #1 The government does not always tell the truth, just what's expedient & helps their cause.
- 14377-2 #2 They bury natural gas lines and could do the same along existing towers with the new lines.
- 14377-3 #3 Power rates going up to finance this project, although BPA gives other reasons.
- 14377-4 #4 This should be #1 as it is the danger to children!
- 14377-5 #5 Big business rules the BPA's decision not to go the Oregon route.
- 14377-6 #6 The story that the power would go here but in reality goes to Oregon and California.



1 of 1

- 14377-1 Comment noted.
- 14377-2 Please see the response to Comment 14283-1.
- 14377-3 If BPA decides to build the I-5 project, it would approach financing the same way it would for other projects approved for construction, that is, using a “least-cost” approach when considering financing options. This approach evaluates an option based on its long-term impact on BPA’s financial health and obligations. BPA would choose from the following three options (or a combination of these options) for financing a project of this size: using its borrowing authority from the U.S. Treasury, using its lease purchase program (third-party financing), or using cash and other monetary reserves to finance all or part of the project (reserve financing). More information about BPA’s debt management program is available at:
<http://www.bpa.gov/Finance/FinancialInformation/Debt/Pages/default.aspx>.
- The cost of this project, including financing costs, would be embedded in BPA's rates, which are paid by ratepayers whose local utilities purchase power from BPA. Potential impacts to rates would depend on the increased revenues generated from transmission services, which are unknown at this time.
- 14377-4 Please see the response to Comment 14328-6.
- 14377-5 Section 4.7.2.1, Alternate Routes from Castle Rock, Washington to near Wilsonville, Oregon (Pearl Routes), describes why routes from Castle Rock, Washington to BPA's Pearl Substation in Wilsonville, Oregon were considered but eliminated from detailed study. BPA also previously explained our decision not to use these routes in project updates and in an issue brief found on our website:
<http://www.bpa.gov/Projects/Projects/I-5/2012documents/RouteOptionsCastleRockToTroutdale-PRINT.pdf>.
- 14377-6 Chapter 1, Purpose and Need for Action, provides a description of typical flows on the South of Allston path during winter and summer. See also the Issue Brief "How power from the I-5 Project will get to you" on the project website at:
http://www.bpa.gov/Projects/Projects/I-5/2012documents/How_power_from_the_I-5_project_will_get_to_you.pdf.

14378

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

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Name (will be included with your comment in the final EIS)

Address

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14378-1

First thing I looked at was the map on paper. Right away your preferred blue line is the longest snakiest line on there. I would pick yellow and red line 2 yellow and red line 9 to 14 yellow to 15 blue 23 blue M yellow 26 yellow 30 yellow blue P cut across 6-7 miles over 39 yellow and red 48 yellow and red back on blue 51-52.



1 of 1

14378-1 Comment noted.

14379

B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

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Name (will be included with your comment in the final EIS) Leslie A Taylor

Address _____

Please add me to the mailing list

Please remove me from the mailing list

Comments:

14379-1

THIS IS NOT GOING TO BOTHER ME ONE BIT. I DONT THINK POWER LINES CAUSE CANCER, THE ONLY THING

14379-2

I WOULD NOT MIND IS A TOWER OVER MY HOUSE FULL OF STARKINGS.

AL



1 of 1

14379-1 Comment noted.

14379-2 The commenter's home is not located on any of the action alternatives.

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