BEFORE THE ENVIRONMENTAL APPEALS BOARD UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C.

In re:

Powertech (USA) Inc.

Permit No. SD31231-0000 and

SD52173-0000

UIC Appeal No. 20-01

Certified Index of Administrative Record

I, Sarah Bahrman, Water Division Director, certify that the administrative record for the two final permit decisions identified above is complete. To the best of my knowledge, the administrative record includes the documents that form the basis of the final permit decisions required under 40 C.F.R. § 124.18. The following Administrative Record Index references all documents in the administrative record for these final permit decisions.

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United States Environmental Protection Agency, Region 8 Powertech (USA) Inc.

Final Class III UIC Permit (No. SD31231-00000) Final Class V UIC Permit (No. SD52173--00000)

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Doc 178	2019_0_17	Cadmus, 2019, Reports prepared in support of the Underground Injection Control Class III Area Permit for the Dewey Burdock Uranium In-Situ Recovery Project, Custer and Fall River Counties, South Dakota Conceptual Site Model Criteria Support Document for the Dewey-Burdock Project Criteria for Development of a Conceptual Site Model of the Dewey-Burdock Project Criteria for Development of a Geochemical Model of the Dewey-Burdock Project Geochemical Model Acceptance Criteria Checklist for the Dewey-Burdock Project Geochemical Model Criteria Support Document for the Dewey-Burdock Project	15077
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Doc 180	2001	Colon et al, 2001, Historical Case Analysis of Uranium Plume Attenuation, NUREG-CR-6705	15213
Doc 181	2007	Davis & Curtis, 2007, Consideration of GeochemicalIssues in GroundwaterRestoration at Uranium In-SituLeach Mining Facilities, NUREG-CR-6870	15262
Doc 182	2004	Davis et al, 2004, Approaches to surface complexation modeling of Uranium(VI) adsorption aquifer sediments, Geochim Cosmochim Acta, Vol.68(18) pp.3621–3641	15426
Doc 183	1983	Deutsch et al, 1983, Aquifer Restoration at In-Situ Leach Uranium Mines: Evidence for Natural Restoration Processes, NUREG CR-3136	15447
Doc 184	1984	Deutsch et al, 1984, Aquifer Restoration at In-Situ Leach Uranium Mines: Evidence for Natural Restoration Processes, NUREG CR-3104	15549
Doc 185	1985	Deutsch et al, 1985, Methods of Minimizing Ground-Water Contamination From In Situ Leach Uranium Mining, NUREG CR-3709	15617
Doc 186	2001	Dong & Brooks, 2006, Determination of the Formation Constants of Ternary Complexes of Uranyl and Carbonate with Alkaline Earth Metals (Mg2+,Ca2+,Sr2+, and Ba2+) Using Anion Exchange Method, Environ Sci Technol Vol.40(15) pp.4689-4695	15784
Doc 187	2020_11_11	Engineering Toolbox website Standard Dimension Ratio	15791
Doc 188	2017_04_12	EPA 2017 Region 4 SOP Field Measurement of Dissolved Oxygen	15801

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Doc 189	2017_04_23	EPA 2017 Region 4 SOPField Measurement of Oxidation-Reduction Potential (ORP) April 23, 2017	15813
Doc 190	2018_03	EPA 2018 Edition of the Drinking Water Standards and Health Advisories Tables, EPA 822-F-18-001	15835
Doc 191	2018_04_14	EPA 2018 Region 4 SOP Field Measurement of Temperature	15855
Doc 192	2020_11_11	EPA website on radioactive decay process	15860
Doc 193	2017_08_02	EPA Region 8 UIC Program website for 2017 public comment period on Dewey-Burdock draft permits and proposed aquifer exemption	15863
Doc 194	2019_08_26	EPA Region 8 UIC Program website for 2019 public comment period on Dewey-Burdock draft permits and proposed aquifer exemption	15868
Doc 195	2013_02_06	EPA, 2015, Minimizing and Managing Potiential Impacts of Injection- Induced Seismicity from Class II Disposal Wells: Practical Approaches, UIC Technical Workgroup Report	15872
Doc 196	2019_08_26	EPA 2019 FACT SHEET Powertech (USA) Inc. Dewey-Burdock Class III Injection Wells Custer and Fall River Counties, South Dakota EPA PERMIT NO. SD31231-00000	16287
Doc 197	2015	Gallegos et al, 2015, Persistent U(IV) and U(VI) following in-situ recovery (ISR) mining of a sandstone uranium deposit, Wyoming, USA, Applied Geochemistry Vol.63 pp.222-234	16419
Doc 198	1993	Greene, 1993, Hyudralic Properties of the Madison Aquifer System in the Western Rapid City Area, South Dakota, USGS WRI 93-4008	16432
Doc 199	2003	Guillaumont et al, 2003, Update on the Chemical Thermodynamics of Uranium, Neptunium, Plutonium, Americium and Technetium, Chemical Thermodynamics Vol.5	16497
Doc 200	2020_11_11	Hamzareef Salinity Conversion Calculator website	17456
Doc 201	1998	Hill, 1998, Methods and Guideline for Effective Model Calibration, USGS WRI 98-4005	17457
Doc 202	2009	Johnson & Friedel, 2009, Factoring Uncertainty into Restoration Modeling of In-Situ Leach Uranium Mines, USGS OF09-1024	17555
Doc 203	2013	Johnson & Tutu, 2013, Reactive transport modeling at uranium in situ recovery sites: uncertainties in uranium sorption on iron hydroxides, IMWA 2013	17580
Doc 204	2016	Johnson & Tutu, 2016, Predictive Reactive Transport Modeling at a Proposed UraniumIn Situ Recovery Site with a General Data Collection Guide, Mine Water Environ Vol.35 pp.369–380	17586
Doc 205	2013	Johnson et al, 2013, Solid-Phase Data from Cores at the Proposed Dewey Burdock Uranium In-Situ Recovery Mine, near Edgemont, South Dakota, USGS OF13-1093	17598
Doc 206	2013	Johnson et al, 2013, USGS OF13-1093 Table 1 Solid-phase geochemistry data	17614
Doc 207	2013	Johnson et al, 2013, USGS OF13-1093 Table 2 X-ray diffraction data	17618
Doc 208	2016	Johnson et al, 2016, Prediction of Uranium Transport in an Aquifer at a Proposed Uranium In Situ Recovery Site: GeochemicalModeling as a Decision-Making Tool, Chapter 4 in Management of Hazardous Wastes	17619

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Doc 209	2016	Johnson et al, 2016, Column Testing and 1D Reactive Transport Modeling To Evaluate Uranium Plume Persistence Processes, IMWA 2016	17637
Doc 210	2011	Johnson et al, 2016, Sorption Testing and Generalized Composite SurfaceComplexation Models for Determining Uranium SorptionParameters at a Proposed In-situ Recovery Site, Mine Water Environ Vol.35 pp.435–446	17645
Doc 211	2011	Johnson, 2011, Reactive Transport Modeling for the Proposed Dewey Burdock Uranium In-Situ Recovery Mine, Edgemont, South Dakota, USA, MWA 2011 Presentation	17657
Doc 212	2011	Johnson, 2011, Reactive Transport Modeling for the Proposed Dewey Burdock Uranium In-Situ Recovery Mine, Edgemont, South Dakota, USA, IMWA 2011	17718
Doc 213	2012	Johnson, 2012, Using groundwater and solid-phase geochemistry for reactive transport modeling at the proposed Dewey Burdock uranium insitu recovery site, Edgemont, South Dakota, Final Regional Applied Research Effort Presentation to EPA	17722
Doc 214	2012	Johnson, 2012, Geochemical Data from Groundwater at the Proposed Dewey Burdock Uranium In-Situ Recovery Mine, Edgemont, South Dakota, USGS OF12-1070	17770
Doc 215	2012	Johnson, 2012, USGS OF12-1070, Table 2 Locations and geochemical data for groundwater samples	17784
Doc 216	2012	Johnson, 2012, USGS OF12-1070, Table 3 Geochemical data for duplicates and blanks	17788
Doc 217	2010	LaGarry, 2010, Expert opinion submitted to NRC identifying geologic conductions at the Dewey-Burdock sites that he believed made the site unsuitabl for ISR operations.	17791
Doc 218	2014_07_15	LaGarry, July 15, 2014 Rebuttal Testimony submitted to the NRC responding to Powertech testimonies refuting statements in LaGarry's 2010 expert opinion.	17797
Doc 219	2014_11_21	LaGarry, November 21, 2014 written supplemental testimony submitted to the NRC discussing information he found during his review of Dewey-Burdock borehole logs.	17801
Doc 220	2010-2014	Documents containing expert testimonty of Robert E. Moran discussing geological and hydrologic conditions at and near the Dewe-Burdock site which he believed made the site unsuitable for ISR operations.	17807
Doc 221	2019	Muhr-Ebert et al., 2019, Uranyl Adsorption onto HydrousFerric Oxides - A Re-Evaluation forthe Diffuse Layer Model Database	18018
Doc 222	2010_09	NRC, 2010, Safety Evaluation Report For the Moore Ranch ISR Project in Campbell County, Wyoming, Materials License No. SUA-1596	18028
Doc 223	2014_01	NRC, 2014, Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota, Vol. 1, Ch 1 - 5.	18200

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		Powertech, 2014, Powertech's rebuttal of Dr. LaGarry's November 21,	
Doc 224	2014_12_04	2014 written supplemental testimony about information he found during	18841
		his review of Dewey-Burdock borehole logs.	
Doc 225	2020_11_11	Regulations.gov webpage EPA Dewey-Burdock Docket No. EPA-R08-OW-2019-0512	18852
Doc 226	2020 11 11	Regulations.gov webpage Frequenlty Asked Questions	18854
Doc 227	2020 11 11	Regulations.gov webpage How to Use Regulations.gov	18856
-		Saunders et al, 2016, Potential aquifer vulnerability in regions down-	
Doc 228	2016_08	gradient fromuraniumin siturecovery (ISR) sites, Journal Environ Mgmt Vol.183 pp.67-83	18859
	-	Schnabel, 1963, USGS Bulletin 1063-F, Plate 17 - Geologic Map and	
Doc 229	1963	Sections, Burdock Quadrangle, Fall River and Custer Counties, South	18876
		Dakota	
		Schnabel, 1963, USGS Bulletin 1063-F, Plate 18 - Fence Diagram	
D 220	1072	Showing an Interpretation of Distribution of Rock Types in the Lakota	10077
Doc 230	1963	Formation, Burdock Quadrangle, Fall River and Custer Counties, South	18877
		Dakota	
		Schnabel, 1963, USGS Bulletin 1063-F, Plage 19 - Isometric Projection of	
Doc 231	1963	the Freezeout Mine, Sec. 26, T. 6 S., R. 1 E., Custer County, South Dakota	18878
D 222	10/2	Schnabel, 1963, Geology of the Burdock Quadrangle Fall River and Custer	10070
Doc 232	1963	Counties South Dakota, USGS Bulletin 1063-F	18879
Doc 233	2020_11_11	SD DENR Powertech Groundwater Discharge Permit Application webpage	18913
		USGS Fact Sheet Naturally Occurring Radionuclides in the Ground Water	
Doc 234	2000_04	of Southeastern Pennsylvania	18919
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Doc 236	2020_11_11	USGS website The Science of Earthquakes	18929
Doc 237	2014	Woldegabriel et al, 2014 Chemical Geology Vol.390 pp.32-45	18935
		Powertech, 2013, UIC Class III Permit Application Permit Application,	
Doc 238	2012_08_01	7520-6 Form and Report	18949
Doc 239	2012 07 26	Powertech, 2013, UIC Class III Permit Application Plates	19162
	- -	Powertech, 2013, UIC Class III Permit Application Appendix A, Well	
Doc 240	2013_01_01	Inventory Summary Tables	19190
Doc 241	2013_01_01	Powertech, 2013, UIC Class III Permit Application Appendix B, 1 of 8, Well Inventory	19198
Doc 242	2013_01_01	Powertech, 2013, UIC Class III Permit Application Appendix B, 2 of 8, Well Inventory	19331
Doc 243	2013_01_01	Powertech, 2013, UIC Class III Permit ApplicationAppendix B, 3 of 8, Well Inventory	19469
Doc 244	2013_01_01	Powertech, 2013, UIC Class III Permit ApplicationAppendix B, 4 of 8, Well Inventory	19607
Doc 245	2013_01_01	Powertech, 2013, UIC Class III Permit ApplicationAppendix B, 5 of 8,	19761
		Well Inventory Deviation 2012 LHC Class III Permit Application Appendix P. 6 of 9	
Doc 246	2013_01_01	Powertech, 2013, UIC Class III Permit ApplicationAppendix B, 6 of 8, Well Inventory	19910
Doc 247	2013_01_01	Powertech, 2013, UIC Class III Permit Application Appendix B, 7 of 8, Well Inventory	20068

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Doc 248	2013_01_01	Powertech, 2013, UIC Class III Permit Application Appendix B, 8 of 8, Well Inventory	20198
Doc 249	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix C, Exploration Drill Holes within One-Mile Perimeter around the Dewey- Burdock Project	20327
Doc 250	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix D, Potentiometric Surfaces in the Black Hills Area	20467
Doc 251	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix E, Clarification of Breccia Pipes	20473
Doc 252	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix F, Water Levels in Inyan Kara Wells	20488
Doc 253	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix G, Morrison Formation Drill Hole Logs	20490
Doc 254	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix H, USGS Earthquake Database Results	20518
Doc 255	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix I, TVA Pumping Tests (Boggs, 1983 and Boggs & Jenkins, 1980)	20521
Doc 256	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix J, Powertech Pumping Tests	20660
Doc 257	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix K, Reporting Form	20854
Doc 258	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix L, Well Plugging and Abandonment Costs Estimates	20857
Doc 259	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix M, Aquifer Exemption Boundary Justification	20861
Doc 260	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix N, Groundwater Quality Summary Tables	20868
Doc 261	2012_07_01	Powertech, 2013, UIC Class III Permit Application Appendix O, Groundwater Quality Analytical Data	21015
		AQUIFER EXEMPTION	
Doc 262	2020_11_24	EPA, 2020, Dewey-Burdock Final Aquifer Exemption Record of Decision	23393
Doc 263	2020_10_23	EPA, 2020, Memorandum to the Dewey-Burdock UIC File: NEPA Functional Equivalence of UIC Permitting and Aquifer Exemptions under the SDWA for the Dewey Burdock Project	23422
Doc 264	2019_08_26	EPA, 2019, draft Aquifer Exemption Record of Decision	23427
Doc 265	2017_03_03	EPA, 2017, draft Aquifer Exemption Record of Decision	23455
Doc 266	2016_11_17	EPA, 2016, Technical Memorandum Documenting the Capture Zone Analysis for Eleven Private Drinking Water Wells in and near the Dewey-Burdock Uranium In-Situ Recovery Project Site Northwest of Edgemont, South Dakota	23485
Doc 267	2017_03_03	EPA, 2017, Capture zone calculations using 1000 gpd as flow rate and time of travel from well construction date to 2047	23520
Doc 268	2017_03_03	EPA, 2017, Capture zone calculations using 25,920 gpd as flow rate and time of travel from well construction date to 2047	23531
Doc 269	2017_06_16	Powertech, 2017, Comments on EPA 2017 draft Aquifer Exeption Record of Decision	23542

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Doc 270	2019_12_09	Powertech, 2019, Comments on EPA 2017 draft Aquifer Exeption Record of Decision	23545
Doc 271	2012_07	Powertech, 2012, Aquifer Exemption Boundary Justification, Appendix M, UIC Class III Permit Application	23548
Doc 272	2012	Powertech, 2012, Aquifer Exemption Boundary Justification, Appendix N, UIC Class III Permit Application	23555
Doc 273	2010_03_01	Bush, 2010, Updated Technical Report on the Dewey-Burdock Uranium Project Custer and Fall River Counties South Dakota	23702
Doc 274	2020_01_17	Graves and Cutler, 2020, NI 43-101 Technical Report Preliminary Economic Assessment Dewey-Burdock Uranium ISR Project South Dakota, USA, Report Date: January 17, 2020	23749
Doc 275	1994_09	EPA, 1994, Handbook Ground Water and Wellhead Protection EPA/625/R-94/001, September 1994	23902
Doc 276	1984_07_09	EPA, 1984, GWPB Guidance #34 Guidance for Review and Approval of State Underground Injection Control (UIC) Programs and Revisions to Approved State Programs.	24190
Doc 277	2015_04_21	Graves & Cutler, 2015, NI 43-101 Technical Report Preliminary Economic Assessment Dewey-Burdock Uranium ISR Project South Dakota, USA	24218
Doc 278	2009	NRC, 2009, Chapter 2 from Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910, Vol 1	24370
Doc 279	2020_11-30	SD DENR Water Rights Program website FAQs Nov 30 2020	24428
Doc 280	2020_10_19	EPA, 2020, Water Sense website	24432
		CLASS V AREA PERMIT	
Doc 281	2020_11_24	EPA, 2020, Underground Injection Control Final Class V Area Permit, Area Permit No. Area Permit No. SD52173-00000, Dewey Burdock Uranium In-Situ Recovery Project, Custer and Fall River Counties, South Dakota, Issued To Powertech (USA) Inc., Nov 24, 2020	24435
Doc 282	2019_08_26	EPA, 2019, Underground Injection Control Second Draft Class V Area Permit, Area Permit No. Area Permit No. SD52173-00000, Dewey Burdock Uranium In-Situ Recovery Project, Custer and Fall River Counties, South Dakota, Issued To Powertech (USA) Inc., August 26, 2019	24482
Doc 283	2019_08_26	EPA, 2019, Fact Sheet for second draft Class V Area Permit, August 26, 2019	24548
Doc 284	2017_04	Powertech, 2017, ClassV Area Permit Figure A-1 Revised Proposed Wellhead Schematic	24597
Doc 285	2019_09_18	EPA, 2019, Proposed changes to EPA 2019 Dewey Burdock draft UIC permit documents from the 2017 draft permits	24598
Doc 286	2019_08_26	EPA, 2019, EPA's Lower Confining Zone Thickness Estimates for the Dewey-Burdock Class V Well Minnelusa injection zone	24612
Doc 287	2019_08_26	EPA, 2019, Map showing locations of oil and gas test wells with logs that were used to evaluate the Lower Confining Zone for the Dewey-Burdock Class V Well Minnelusa injection zone	24613

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Doc 288	2019_08_26	EPA, 2019, OII and gas test well logs used to evaluate thickness of the lower confining zone for the Dewey-Burdock Class V Well Minnelusa injection zone	24614
Doc 289	2017_03_03	EPA, 2017, Underground Injection Control First Draft Class V Area Permit, Area Permit No. Area Permit No. SD52173-00000, Dewey Burdock Uranium In-Situ Recovery Project, Custer and Fall River Counties, South Dakota, Issued To Powertech (USA) Inc. March 3, 2017	24615
Doc 290	2017_03_03	EPA, 2017, Fact Sheet for First Draft Class V Area Permit March 3, 2017	24665
Doc 291	2017_03_03	EPA, 2017, EPA's calculations of pressure in Class V injection zone aquifer compared with fluid pressures in overlying and underlying USDWs in order to determine the critical pressure that would induce injection zone fluid flow through a hypothetical confining zone breach	24732
Doc 292	2017_03_03	EPA, 2017, EPA's calculated pressure rise in injection zone from injection activity vs. distance away from injection well (diffusivity equation) - Minnelusa Formation Based on 12 Years of Injection at a rate of 75 GPM	24734
Doc 293	2017_03_03	EPA, 2017, EPA's calcuation of the radius of fluid displacement within the Minnelusa Injection Zone for each proposed Class V well	24736
Doc 294	2013_01	Powertech, 2013, Underground Injection Control Permit Application for Class V Non-Hazardous Injection Wells at the Dewey-Burdock Project Area in Custer and Fall River Counties, South Dakota	24737
Doc 295	2002 08 08	EPA Region 6, 2002, Pressure Falloff Testing Guideline	24896
Doc 296	unknown	EPA Region 8, Guidance No. 34: Cement bond logging techniques and interpretation	24925
Doc 297	unknown	EPA Region 8, Guidance No. 39: Pressure testing injection wells for Part I (Internal) Mechanical Integrity	24931
Doc 298	2009_09_08	EPA Region 8 Guideline - Radioactive Tracer Surveys for Evaluating Fluid Channeling Behind Casing near Injection Perforations	24937
Doc 299	1999_01_12	EPA, 1999, Region 8 Step-Rate Test Procedure	24942
Doc 300	1999_01_12	EPA Region 8 Guideline Temperature Logging for Mechanical Integrity	24948
Doc 301	1977	Blankennagel, et al., 1977, Report on Preliminary Data for Madison Limestone Test Well No. 1, NESE SEC. 15, T. 57 N., R. 65 W., Crook County, Wyoming, USGS Open-File Report 77-164	24949
Doc 302	1983_10	Boggs, 1983, Tennessee Valley Authority Dewey Aquifer Pump Test Report	25050
Doc 303	1980_05	Boggs and Jenkins, 1980, Tennessee Valley Authority Burdock Aquifer Pump Test Report	25105
Doc 304	1957	Braddock, 1957, Stratigraphic and Structural Controls of Uranium Deposits on Long Mountain, South Dakota, USGS Bulletin B-1063-A	25187
Doc 305	1957	Braddock, 1957, USGS Bulletin 1063-A, Plate1 Plate 1 Geologic map of part of Long Mountain, Fall River County, South Dakota.	25203

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Doc 306	1957	Braddock, 1957, USGS Bulletin 1063-A, Plate 2 - Correlation Diagram of North Part of Long Mountain, Fall River County, South Dakota	25204
Doc 307	1957	Braddock, 1957, USGS Bulletin 1063-A, Plate 3 - Correlation Diagram of Middle Part of Long Mountain, Fall River County, South Dakota	25205
Doc 308	1957	Braddock, 1957, USGS Bulletin 1063-A, Plate 4 - Litholoige Variations within the Upper Uraniferous Sandstone of the Lakota Sandstone and Fuson Formation, Undifferentiated	25206
Doc 309	1963	Braddock, 1963, Geology of the Jewel Cave SW Quadrangle Custer County, South Dakota, USGS Bulletin 1063-G	25207
Doc 310	1963	Braddock, 1963, USGS Bulletin 1063-G, Plate 20 - Geologic Map and Cross-Section of the Jewel Cave SW Quadrangle, South Dakota	25265
Doc 311	1963	Braddock, 1963, USGS Bulletin 1063-G, Plate 21 - Lithology of the Minnelusa Formation	25266
Doc 312	1963	Braddock, 1963, USGS Bulletin 1063-G, Plate 22 - Diagram showing the major lithologic units ofthe Inyan Kara Group in the southern part of the Jewel Cave SW Quadrangle	25267
Doc 313	1961	Brobst, 1961, Geology of the Dewey Quadrangle Wyoming-South Dakota, USGS Bulletin 1063-B	25268
Doc 314	1961	Brobst, 1961, USGS Bulletin 1063-B, Plate 5 - Geologic map and cross-sections of the Dewey quadrangle.	25322
Doc 315	1961	Brobst, 1961, USGS Bulletin 1063-B, Plate 6 - Geologic map and section of Wicker-Baldwin urainum prospect, Weston County, Wyoming	25323
Doc 316	1995	Busby et al, 1995, Geochemistry of Water in Aquifers and Confining Unites of the Northern Great Plains in Parts of Montana, North Dakota, South Dakota and Wyoming, USGS Prof Paper 1402-F	25324
Doc 317	1999	Carter & Redden, 1999, Altitude of the Top of the Minnelusa Formation in the Black Hills Area, South Dakota, USGS Hydrologic Atlas HA-744-C	25479
Doc 318	1999	Carter & Redden, 1999, USGS HA-744-C Sheet 1 of 2 - Northern part of area	25484
Doc 319	1999	Carter & Redden, 1999, USGS HA-744-C Sheet 2 of 2 Southern part of area	25485
Doc 320	1999	Carter & Redden, 1999, Altitude of the Top of the Madison Limestone in the Black Hills Area, South Dakota, USGS Hydrologic Atlas HA-744-D	25486
Doc 321	1999	Carter & Redden, 1999, USGS HA-744-D, Sheet 1 of 2 - Northern part of area	25491
Doc 322	1999	Carter & Redden, 1999, USGS HA-744-D,Sheet 2 of 2 Southern part of area	25492
Doc 323	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 1. Table of Contents	25493

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Doc 324	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 2. Summary of Findings	25498
Doc 325	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 3. Introduction	25501
Doc 326	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 4. Hydrologic Processes and Framework	25507
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Doc 328	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 6. Hydrologic Budgets	25591
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Doc 330	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 8. Future Information Needs	25610
Doc 331	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 9. References	25611
Doc 332	2002	Carter et al, 2002, Atlas of Water Resources in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-747 10. Definition of Terms	25615
Doc 333	2003	Carter et al, 2003, Ground-Water Resources in the Black Hills Area, South Dakota, USGS Water Resources Investigations Report WRI 03-4049	25618
Doc 334	2004	Davis, 2001, Surface Complexation Modeling of Uranium (VI) Adsorption on Natural Mineral Assemblages, NUREG-CR-6708	25659
Doc 335	2002	Driscoll, et al., 2002, Hydrology of the Black Hills Area, South Dakota, USGS Water Resources Investigation Report 02-4094	25889
Doc 336	2013_02_06	EPA, 2015, Minimizing and Managing Potiential Impacts of Injection- Induced Seismicity from Class II Disposal Wells: Practical Approaches, UIC Technical Workgroup Report	26047
Doc 337	2019_04	EPA, 2019, Call with South Dakota Geologic Survey about lithology of the Minnelusa Formation in South Daktoa and confining zone formations	26462
Doc 338	2012_08_28	Frohlich, 2012, Two-year survey comparing earthquake activity and injection-well locations in the Barnett Shale, Texas, PNAS Vol. 109 (35) pp.13934-13938	26464
Doc 339	1974	Gott et al., 1974, Stratigraphy of the Inyan Kara Group and Localization of Uranium Deposits, Southern Black Hills, South Dakota and Wyoming, USGS Professional Paper 763	26469
Doc 340	1974	Gott et al., 1974, USGS Professional Paper 763, Plate 1 - Geologic and Structure Maps and Restored Cross Section of Part of the Southern Black Hills, South Dakota and Wyoming - South Half	26535

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Doc 341	1974	Gott et al., 1974, USGS Professional Paper 763, Plate 1 - Geologic and Structure Maps and Restored Cross Section of Part of the Southern Black Hills, South Dakota and Wyoming - North Half	26536
Doc 342		Gott et al., 1974, USGS Professional Paper 763, Plate 2 - Map of part of the Southern Black Hilss, South Dakota and Wyoming, showing Mesozoic and Cenozoic deformation along Precambrian structures.	26537
Doc 343	1974	Gott et al., 1974, USGS Professional Paper 763, Plate 3 - Hydrochemical diagrams and map showing postulated evolutions of artiesian calcium sulfate type groundwaeter from the Minnelusa Formation as it migrates through the Inyan Kara Group, Southern Black Hills, South Dakota and Wyoming.	26538
Doc 344		Gott et al., 1974, USGS Professional Paper 763, Plate 4 - Map Showing Major Tectonic Elements, Minor Fault and Solution Collapse Structure, Springs, Paleostreams, and Uranium Deposits in the Southern Black Hills, South Dakota and Wyoming	26539
Doc 345	1993	Greene, 1993, Hydraulic Properties of the Madison Aquifer System in the Western Rapid City Area, South Dakota, USGS WRI 93-4008	26540
Doc 346	2012	Horton, 2012, Disposal of Hydrofracking Waste Fluid by Injection into Subsurface Aquifers Triggers Earthquake Swarm in Central Arkansas with Potential for Damaging Earthquake Seismological Research Letters Volume 83, Number 2 March/April 2012	26605
Doc 347	2004	Ring et al., 2004, Treatment of liquid effluent from uranium mines and mills during and after operation, IAEA-TECDOC-1419	26617
Doc 348	1987	Kyllonen & Peter, 1987, Geohydrology and Water Quality of the Inyan Kara, Minnelusa, and Madision Aquifers of the Northern Black Hills, South Dakota and Wyoming, and Bear Lodge Mountains, Wyoming, USGS WRI 86-4158	26893
Doc 349	1982	Lee, 1982, Well Testing, Society of Petroleum Engineers Textbook Series Vol. 1	26959
Doc 350	2001	Naus et al., 2001. Geochemistry of the Madison and Minnelusa Aquifers in the Black Hills Area, South Dakota	27119
Doc 351	2009	NRC, 2009, Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910 Vol.1, Chapter 1	27242
Doc 352	2009	NRC, 2009, Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910 Vol.1, Chapter 2	27334
Doc 353	2009	NRC, 2009, Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910 Vol.1, Chapter 3.3-3.4	27392
Doc 354	2009	NRC, 2009, Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910 Vol.1, Chapter 3.5	27560
Doc 355	2009	NRC, 2009, Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910 Vol.1, Chapter 4	27650
Doc 356	2015	Rubinstein & Mahani, 2015, Myths and Facts on Wastewater Injection, Hydraulic Fracturing, Enhanced Oil Recovery, and Induced Seismicity, Seismological Research Letters Volume 86, Number 4 July/August 2015, Seism Res Letters Vol.86(4)	27835

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Doc 357	1963	Schnable, 1963, Geology of the Burdock Quadrangle Fall River and Custer Counties South Dakota, USGS Bulletin 1063-F	27843
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Doc 362		Strobel et al., 2000, Potentiometric Surface of the Minnelusa Aquifer in the Black Hills Area, South Dakota, USGS HA-745C	27883
Doc 363	2000	Strobel et al., 2000, Potentiometric Surface of the Minnelusa Aquifer in the Black Hills Area, South Dakota, USGS HA-745C Sheet 1 of 2	27888
Doc 364	2000	Strobel et al., 2000, Potentiometric Surface of the Minnelusa Aquifer in the Black Hills Area, South Dakota, USGS HA-745C Sheet 2 of 2	27889
Doc 365	2020_11_11	USGS website The Science of Earthquakes	27890
Doc 366	2015	Weingarten, 2015, High-rate injection is associated with the increase in U.S.mid-continent seismicity	27896
•		CUMULATIVE EFFECTS ANALYSIS	
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Doc 385	2020	Black Hills Corporation Web Site 2020 Power Generation and Production information.	29109
Doc 386	1983 10	Boggs, 1983, TVA Dewey Aquifer Pump Test Report	29112
Doc 387	2018	Cameco Resources, 2018, Smith Ranch – Highland Operation, APPENDIX C - Geochemical Evaluation and Groundwater Transport Model for the Smith Ranch – Highland Uranium Project Mine Unit 1	29167
Doc 388	1999	Carter and Redden, 1999, Altitude of the Top of the Madison Limestone in the Black Hills Area, South Dakota, USGS Hydrologic Investigations Atlas HA-744-D, Sheet 2 of 2	29272
Doc 389	2018	Conant, et al., 2018: Northern Great Plains. Chapter 22 In Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment, Volume II	29273
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Doc 391	2013_05_25	SD DENR 2013 Proposed Large Scale Mine Permit Recommendation and Additional Conditions	29336
Doc 392	2002	Driscoll, et al., 2002, Hydrology of the Black Hills Area, South Dakota, USGS-WRI-02-4094	29354
Doc 393	2017	Easterling, et al., 2017: Precipitation change in the United States. In: Climate Science Special Report: Fourth National Climate Assessment, Volume I	29512
Doc 394	2014_03_10	EPA, 2014, Region 8 NEPA Review Letter to NRC on Dewey-Burdock Final SEIS	29536
Doc 395	2020	EPA, 2020, NEPA EIS Rating System Webpage	29540
Doc 396	2020_11_20	EPA, 2020, Memorandum Documenting Inyan Kara and Minnelusa Aquifer Groundwater Quality Information at the Proposed Dewey-Burdock Uranium In-Situ Recovery Project Site Northwest of Edgemont, South Dakota	29544
Doc 397	2020	EPA, 2020, Fast Facts National-Level U.S. Greenhouse Gas Inventory 1990-2018	29551
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Doc 399	2020	EPA, 2020, web page-About the Emissions Inventory: U.S. Greenhouse Gas Inventory Report: 1990-2014	30287
Doc 400	2015_04_21	Graves & Cutler, 2015, NI 43-101 Technical Report Preliminary Economic Assessment Dewey-Burdock Uranium ISR Project South Dakota, USA	30292
Doc 401	2009	Hall, 2009, Groundwater Restoration at Uranium In-Situ Recovery Mines, South Texas Coastal Plain, USGS OFR-2009-1143	30444

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Doc 402	2017	Hayhoe, et al., 2017, Climate models, scenarios, and projections., Ch 4 in Climate Science Special Report: Fourth National Climate Assessment, Volume I	30480
Doc 403	2013_07_11	Inter-Mountain Laboratories, Inc., 2013, Ambient Air Quality Final Modeling Protocol and Impact Analysis Dewey-Burdock Project Powertech (USA) Inc., Edgemont, South Dakota, Part 1 of 3	30508
Doc 404	2013_07_11	Inter-Mountain Laboratories, Inc., July 11, 2013, Ambient Air Quality Final Modeling Protocol and Impact Analysis Dewey-Burdock Project Powertech (USA) Inc., Edgemont, South Dakota, Part 2 of 3:	30581
Doc 405	2013_07_11	Inter-Mountain Laboratories, Inc., July 11, 2013, Ambient Air Quality Final Modeling Protocol and Impact Analysis Dewey-Burdock Project Powertech (USA) Inc., Edgemont, South Dakota, Part 3 of 3	30635
Doc 406	2012	Johnson, R, 2012, Using groundwater and solid-phase geochemistry for reactive transport modeling at the proposed Dewey Burdock uranium insitu recovery site, Edgemont, South Dakota, presentation to EPA Region 8	35125
Doc 407	2019	EPA, 2019, Logs showing Lower Minnelusa Confining Zone	35173
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Doc 409	2012_09_27	Powertech, 2012, Large Scale Mine Permit Application APPENDIX 3.5-A, Dewey-Burdock Project Flood Analysis	35175
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Doc 436	2010_02_01	Neupauer, 2010, Groundwater Flow and Transport Modeling of Uranium ISL Mining, Appendix B in Natural Resources Defense Council, 2012, Nuclear Fuel's Dirty Beginnings.	35671
Doc 437	2020	National Oceanic and Atmospheric Administration, 2020, web page Climate Model: Temperature Change (RCP 4.5)- 2006- 2100 Dataset I Science On a Sphere	35717
Doc 438	2020	National Oceanic and Atmospheric Administration, 2020, web page Climate Model: Temperature Change (RCP 8.5)- 2006- 2100 Dataset I Science On a Sphere	35721
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Doc 440	2010	NRC, 2010, Environmental Impact Statement for the Moore Ranch ISR Project in Campbell County, Wyoming, NUREG-1910, Supplement 1	37027
Doc 441	2014_01	NRC, 2014, Supplemental Environmental Impact Statement for the Dewey-Burdock Project in Custer and Fall River Counties, South Dakota, Vol. 1, Ch 1 - 5.	37597

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Doc 442	2016_11_01	NRC, 2016, License Number SUA-1600, Amendment No. 1, issued to Powertech (USA) Inc., November 1, 2016, NRC ADAMS Accession No. ML16202A174.	38238
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Doc 445	1986	NRC, 1986, General Guidance for Designing, Testing, Operating, and Maintaining Emission Control Devices at Uranium Mills, Regulatory Guide 3.56	38957
Doc 446	2001_09	NRC, 2001, Baseline Risk-Informed, Performance-Based Approach for In Situ Leach Uranium Extraction Licensees, NUREG/CR-6733	38969
Doc 447	2002_05	NRC, 2002, Information Relevant to Ensuring that Occupational Radiation Exposures at Uranium Recovery Facilities Will Be as Low as Is Reasonably Achievable, Regulatory Guide 8.31	39169
Doc 448	2003_06	NRC ,2003, Standard Review Plan for In Situ Leach Uranium Extraction License Applications, NUREG-1569	39188
Doc 449	2008_11	NRC, 2008, Regulatory Guide 3.11, Design, Construction, and Inspection of Embankment Retention Systems at Uranium Recovery Facilities	39443
Doc 450	2014_04	NRC, 2014, Safety Evaluation Report (Revised) for the Dewey-Burdock Project Fall River and Custer Counties, South Dakota Materials License No. SUA-1600 Docket No. 40-9075 Powertech (USA) Inc.	39470
Doc 451	2012_09_27	Powertech, 2012, Large Scale Mine Permit Application Plate 5.3-1, Sheet 2, Land Application Affected Area, Burdock Area	39728
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Doc 460	2012_09_27	Powertech, 2012, Large Scale Mine Plate 5.3-1 Affected Area Boundary Land Application Sheet 2 Burdock Area	40563

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Doc 462	2012	Powertech, 2012, Dewey-Burdock Project Report to Accompany Madison Water Right Permit Application Custer and Fall River Counties, South Dakota, prepared for the South Dakota Department of Environment and Natural Resources, Water Rights Program, June 2012	40565		
Doc 463	2020_10_07	Powertech, 2020, Email to EPA providing information for EPA to respond to comment #96 and update CEA	40646		
Doc 464	1997	Renard, et al., 1997, Predicting Soil Erosion by Water: A Guide to Conservation Planning with the Revised Universal Soil Loss Equation (RUSLE), USDA Agricultural Research Service, Agricultural Handbook Number 703	40649		
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Doc 467	2000	SD DENR General Permit Authorizing Stormwater Discharges Associated with Construction Activities Under the South Dakota Surface Water Discharge System	41077		
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Doc 475	2012_11_02	SD DENR Water Rights Program Report to the Chief Engineer on Water Permit Application No. 2686-2, Powertech (USA) Inc., November 2, 2012. [for Inyan Kara aquifer]	41237		
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	ENDANGERED SPECIES ACT (ESA)				

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Doc 485	2019_07_08	USFWS, 2019, USFWS concurrence letter to EPA in response to EPA's June 14, 2019 letter	41314
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Doc 527	2016_03	EPA, 2016, Promising Practices for EJ Methodologies in NEPA Reviews, Report of the Federal Interagency Working Group on Environmental Justice & NEPA Committee	43484
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Doc 544	2001	Little, et al., 2001, Sacred Lands of Indian America	44061
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Doc 549	2011	Jarding, 2011, Uranium Activities' Impacts On Lakota Territory, Indigenous Policy Journal Vol. XXII, No. 2 (Fall 2011)	48681
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Doc 602	2017_06_06	Exhibit 021 Powertech 2017 Class III Comments: Reimus, P., J. Clay, G. Perkins, S. Brown and K. Williams, Cross-Hole Evaluation of Uranium and Selenium Natural Attenuation after ISR Mining, presentation at the 2017 National Mining Association Uranium Recovery Workshop in Denver, Colorado, June 6, 2017.	67267
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Doc 620	2004_06_24	Exhibit 039 Powertech 2017 Class III Comments: Appelo, C.A.J and D. Postma, Geochemistry, Groundwater and Pollution, 2nd ed., CRC Press. Copyrighted material.	72835
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Doc 703	2015_11_25	Letter dated November 25, 2015 EPA sent to the Fort Belknap Gros Ventre and Assiniboine Tribes inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87115
Doc 704	2015_11_25	Letter dated November 25, 2015 EPA sent to the Kiowa Tribe of Oklahoma inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87119
Doc 705	2015_11_25	Letter dated November 25, 2015 EPA sent to the Lower Brule Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87122
Doc 706	2015_11_25	Letter dated November 25, 2015 EPA sent to the Lower Sioux Indian Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87126
Doc 707	2015_11_25	Letter dated November 25, 2015 EPA sent to the Northern Arapaho Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87129
Doc 708	2015_11_25	Letter dated November 25, 2015 EPA sent to the Northern Cheyenne Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87133
Doc 709	2015_11_25	Letter dated November 25, 2015 EPA sent to the Northwestern Band of the Shoshone Nation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87137
Doc 710	2015_11_25	Letter dated November 25, 2015 EPA sent to the Oglala Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87140
Doc 711	2015_11_25	Letter dated November 25, 2015 EPA sent to the Omaha Tribe of Nebraska inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87144
Doc 712	2015_11_25	Letter dated November 25, 2015 EPA sent to the Paiute Indian Tribe of Utah inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87150
Doc 713	2015_11_25	Letter dated November 25, 2015 EPA sent to the Ponca Tribe of Nebraska inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87154
Doc 714	2015_11_25	Letter dated November 25, 2015 EPA sent to the Ponca Tribe of Oklahoma inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87158
Doc 715	2015_11_25	Letter dated November 25, 2015 EPA sent to the Prairie Island Indian Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87163
Doc 716	2015_11_25	Letter dated November 25, 2015 EPA sent to the Rosebud Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87170
Doc 717	2015_11_25	Letter dated November 25, 2015 EPA sent to the Confederated Salish and Kootenai Tribes inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87174

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Doc 718	2015_11_25	Letter dated November 25, 2015 EPA sent to the Santee Sioux Nation of Nebraska inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87178
Doc 719	2015_11_25	Letter dated November 25, 2015 EPA sent to the Shakopee Mdewakanton Sioux Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87182
Doc 720	2015_11_25	Letter dated November 25, 2015 EPA sent to the Sisseton Wahpeton Oyate inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87186
Doc 721	2015_11_25	Letter dated November 25, 2015 EPA sent to the Skull Valley Band of Goshute inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87190
Doc 722	2015_11_25	Letter dated November 25, 2015 EPA sent to the Southern Ute Indian Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87193
Doc 723	2015_11_25	Letter dated November 25, 2015 EPA sent to the Spirit Lake Nation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87199
Doc 724	2015_11_25	Letter dated November 25, 2015 EPA sent to the Standing Rock Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87203
Doc 725	2015_11_25	Letter dated November 25, 2015 EPA sent to the Mandan, Hidatsa and Arikara Nation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87206
Doc 726	2015_11_25	Letter dated November 25, 2015 EPA sent to the Turtle Mountain Band of Chippewa Creek inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87210
Doc 727	2015_11_25	Letter dated November 25, 2015 EPA sent to the Ute Indian Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87214
Doc 728	2015_11_25	Letter dated November 25, 2015 EPA sent to the Upper Sioux Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87218
Doc 729	2015_11_25	Letter dated November 25, 2015 EPA sent to the Ute Mountain Ute Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87222
Doc 730	2015_11_25	Letter dated November 25, 2015 EPA sent to the Yankton Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87228
Doc 731	2016_06_30	Letter dated June 30, 2016 from EPA to Oglala Sioux Tribe President Steele replying to his statement presented at the June 17, 2016 meeting with the Tribe in Denver and requesting a meeting with him when EPA would be at the Pine Ridge Reservation meeting with the Tribal Council Committee on Land and Natural Resources to discuss EPA's proposal for a community outreach plan for the Pine Ridge Reservation to inform Tribal members about EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87232

Document Number	Document Date	Description	Start Page
Doc 732	2016_08_12	Letter dated August 12, 2016 EPA sent to Cheyenne River Sioux Tribe Chairman Frazier after a March 8, 2016, meeting with the Tribe in Eagle Butte was cancelled. This letter was following instructions in a December 23, 2015 letter from Chairman Frazier directing EPA to contact his office to schedule a consultation meeting in Eagle Butte.	87234
Doc 733	2016_09_01	Letter dated September 9, 2016 from EPA to Oglalal Sioux Tribe President Steele to seek clarification that the Tribe did not want EPA to conduct community outreach activities and public hearings on the Pine Ridge Reservation and to confirm Tribal leaders did not want to hold a consultation meeting with the EPA before the UIC draft permits are issued for the Dewey-Burdock site.	87236
Doc 734	2017_06_09	Letter dated June 9, 2017 EPA sent to the Cheyenne River Sioux Tribe Chairman Frazier following up on his testimony during a public hearing reminding EPA of the Tribes' request for a consultation meeting on EPA's proposed actions at the Dewey-Burdock uranium recovery site.	87238
Doc 735	2017_06_09	Letter dated June 9, 2017 EPA sent to Oglala Sioux Tribe President Scott requesting a consultation meeting on EPA's proposed actions at the Dewey-Burdock uranium recovery site.	87246
Doc 736	2017_06_09	Letter dated June 9, 2017 EPA sent to Ponca Tribe of Nebraska Chairman Wright inviting consultation on EPA's proposed actions at the Dewey-Burdock uranium recovery site. EPA sent the letter after hearing from the Tribe's environmental director that the Tribe is interested in consultation.	87254
Doc 737	2017_06_09	Letter dated June 9, 2017 EPA sent to the Rosebud Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87262
Doc 738	2017_06_12	Consultation Invitation Letter dated June 12, 2017 EPA sent to Crow Creek Sioux Tribe Chairman Sazue following his testimony at the Rapid City public hearing that EPA should consult with Tribes on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project	87270
Doc 739	2019_07_08	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Oglala Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87278
Doc 740	2019_07_08	Letter dated July 8, 2019 EPA sent to the Northern Arapaho Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87288
Doc 741	2019_07_08	Letter dated July 8, 2019 EPA sent to the Blackfeet Tribe of the Blackfeet Indian Reservation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87298
Doc 742	2019_07_08	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Cheyenne and Arapaho Tribes of Oklahoma	87308
Doc 743	2019_07_08	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Cheyenne River Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87318

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Doc 744	2019_07_08	Letter dated July 8, 2019 EPA sent to the Chippewa Cree Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87328
Doc 745	2019_07_08	Letter dated July 8, 2019 EPA sent to the Confederated Salish and Kootenia Tribes inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87338
Doc 746	2019_07_08	Letter dated July 8, 2019 EPA sent to the Crow Creek Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87348
Doc 747	2019_07_08	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Crow Tribe of Indians	87358
Doc 748	2019_07_08	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Eastern Shoshone Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87368
Doc 749	2019_07_08	Letter dated July 8, 2019 EPA sent to the Flandreau Santee Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87378
Doc 750	2019_07_08	Letter dated July 8, 2019 EPA sent to the Fort Peck Assiniboine and Sioux Tribes inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87388
Doc 751	2019_07_08	Letter dated July 8, 2019 EPA sent to the Fort Belknap Gros Ventre and Assiniboine Tribes inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87398
Doc 752	2019_07_08	Letter dated July 8, 2019 EPA sent to the Kiowa Tribe of Oklahoma inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87408
Doc 753	2019_07_08	Letter dated July 8, 2019 EPA sent to the Lower Brule Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87418
Doc 754	2019_07_08	Letter dated July 8, 2019 EPA sent to the Lower Sioux Indian Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87428
Doc 755	2019_07_08	Letter dated July 8, 2019 EPA sent to the Apache Tribe of Oklahoma inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87438
Doc 756	2019_07_08	Letter dated July 8, 2019 EPA sent to the Northern Cheyenne Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87448
Doc 757	2019_07_08	Letter dated July 8, 2019 EPA sent to the Northwestern Band of the Shoshone Nation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87458
Doc 758	2019_07_08	Letter dated July 8, 2019 EPA sent to the Omaha Tribe of Nebraska inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87468
Doc 759	2019_07_08	Letter dated July 8, 2019 EPA sent to the Paiute Indian Tribe of Utah inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87478

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Doc 760	2019_07_08	Letter dated July 8, 2019 EPA sent to the Ponca Tribe of Nebraska inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87488
Doc 761	2019_07_08	Letter dated July 8, 2019 EPA sent to the Ponca Tribe of Oklahoma inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87498
Doc 762	2019_07_08	Letter dated July 8, 2019 EPA sent to the Prairie Island Indian Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87508
Doc 763	2019_07_08	Letter dated July 8, 2019 EPA sent to the Rosebud Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87518
Doc 764	2019_07_08	Letter dated July 8, 2019 EPA sent to the Santee Sioux Nation of Nebraska inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87528
Doc 765	2019_07_08	Letter dated July 8, 2019 EPA sent to the Shakopee Mdewakanton Sioux Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87538
Doc 766	2019_07_08	Letter dated July 8, 2019 EPA sent to the Sisseton Wapehton Oyate inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87548
Doc 767	2019_07_08	Letter dated July 8, 2019 EPA sent to the Skull Valley Band of Goshute inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87558
Doc 768	2019_07_08	Letter dated July 8, 2019 EPA sent to the Southern Ute Indian Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87567
Doc 769	2019_07_08	Letter dated July 8, 2019 EPA sent to the Spirit Lake Nation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87577
Doc 770	2019_07_08	Letter dated July 8, 2019 EPA sent to the Standing Rock Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87587
Doc 771	2019_07_08	Letter dated July 8, 2019 EPA sent to the Mandan, Hidatsa and Arikara Nation inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87597
Doc 772	2019_07_08	Letter dated July 8, 2019 EPA sent to the Turtle Mountain Band of Chippewa inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87607
Doc 773	2019_07_08	Letter dated July 8, 2019 EPA sent to the Upper Sioux Community inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87617
Doc 774	2019_07_08	Letter dated July 8, 2019 EPA sent to the Ute Indian Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87627
Doc 775	2019_07_08	Letter dated July 8, 2019 EPA sent to the Ute Mountain Ute Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87637

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Doc 776	2019_07_08	Letter dated July 8, 2019 EPA sent to the Yankton Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87647
Doc 777	2020_02_06	Letter dated February 6, 2020 to the Cheyenne River Sioux Tribe informing them of the deadline to schedule another consultation meeting.	87657
Doc 778	2020_02_14	Letter dated February 14, 2020 to Oglala Sioux Tribe Secretary Jennifer Spotted Bear request her assistance in scheduling a consultation meeting.	87666
Doc 779	2020_02_14	Letter dated February 14, 2020 to Oglala Sioux Tribe President Bear Runner informing him of the deadline to schedule another consultation meeting.	87678
Doc 780	2020_02_14	Letter dated February 14, 2020 to the Standing Rock Sioux Tribe informing them of the deadline to schedule another consultation meeting.	87689
Doc 781	2020_02_21	Letter dated February 21, 2020 to the Crow Tribe informing them of the deadline to schedule another consultation meeting.	87700
Doc 782	2020_02_21	Letter dated February 21, 2020 to the Cheyenne and Arapaho Tribes informing them of the deadline to schedule another consultation meeting.	87712
Doc 783	2020_02_21	Letter dated February 21, 2020 to the Fort Belknap Tribes informing them of the deadline to schedule another consultation meeting.	87723
Doc 784	2020_02_21	Letter dated February 21, 2020 to the Prairie Island Indian Community informing them of the deadline to schedule another consultation meeting.	87732
Doc 785	2020_02_21	Letter dated February 21, 2020 to the Fort Peck Tribes informing them of the deadline to schedule another consultation meeting.	87743
Doc 786	2020_02_21	Letter dated February 21, 2020 to the Mandan, Hidatsa and Arikara Nation informing them of the deadline to schedule another consultation meeting.	87755
Doc 787	2020_02_21	Letter dated February 21, 2020 to the Northern Arapaho Tribe informing them of the deadline to schedule another consultation meeting.	87767
Doc 788	2020_02_21	Letter dated February 21, 2020 to the Ponca Tribe of Nebraska informing them of the deadline to schedule another consultation meeting.	87779
Doc 789	2020_02_21	Letter dated February 21, 2020 to the Santee Sioux Nation of Nebraska informing them of the deadline to schedule another consultation meeting.	87791
Doc 790	2020_02_21	Letter dated February 21, 2020 to the Shakopee Mdewakanton Sioux Community informing them of the deadline to schedule another consultation meeting.	87807
Doc 791	2020_02_21	Letter dated February 21, 2020 to the Upper Sioux Community informing them of the deadline to schedule another consultation meeting.	87823
Doc 792	2020_02_21	Letter dated February 21, 2020 to the Yankton Sioux Tribe informing them of the deadline to schedule another consultation meeting.	87835

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Doc 793	2020_11_24	November 24, 2020 Letter notifying the Apache Tribe of Oklahoma of the closure of EPA's consultation process.	87847
Doc 794	2020_11_24	November 24, 2020 Letter notifying the Blackfeet Tribe of the Blackfeet Indian Reservation of the closure of EPA's consultation process.	87850
Doc 795	2020_11_24	November 24, 2020 Letter notifying the Cheyenne and Arapaho Tribes of Oklahoma of the closure of EPA's consultation process.	87853
Doc 796	2020_11_24	November 24, 2020 Letter notifying the Cheyenne River Sioux Tribe of the closure of EPA's consultation process.	87856
Doc 797	2020_11_24	November 24, 2020 Letter notifying the Chippewa Cree Tribe of the closure of EPA's consultation process.	87859
Doc 798	2020_11_24	November 24, 2020 Letter notifying the Confederated Salish and Kootenai Tribes of the closure of EPA's consultation process.	87862
Doc 799	2020_11_24	November 24, 2020 Letter notifying the Crow Creek Sioux Tribe of the closure of EPA's consultation process.	87865
Doc 800	2020_11_24	November 24, 2020 Letter notifying the Crow Tribe of Indians of the closure of EPA's consultation process.	87868
Doc 801	2020_11_24	November 24, 2020 Letter notifying the Eastern Shoshone Tribe of the closure of EPA's consultation process.	87871
Doc 802	2020_11_24	November 24, 2020 Letter notifying the Flandreau Santee Sioux Tribe of the closure of EPA's consultation process.	87874
Doc 803	2020_11_24	November 24, 2020 Letter notifying the Fort Belknap Gros Ventre and Assiniboine Tribes of the closure of EPA's consultation process.	87877
Doc 804	2020_11_24	November 24, 2020 Letter notifying the Fort Peck Assiniboineand Sioux Tribes and Sioux Tribes of the closure of EPA's consultation process.	87880
Doc 805	2020_11_24	November 24, 2020 Letter notifying the Kiowa Tribe of Oklahoma of the closure of EPA's consultation process.	87883
Doc 806	2020_11_24	November 24, 2020 Letter notifying the Lower Brule Sioux Tribe of the closure of EPA's consultation process.	87886
Doc 807	2020_11_24	November 24, 2020 Letter notifying the Lower Sioux Indian Community of the closure of EPA's consultation process.	87889
Doc 808	2020_11_24	November 24, 2020 Letter notifying the Northern Arapaho Tribe of the closure of EPA's consultation process.	87892
Doc 809	2020_11_24	November 24, 2020 Letter notifying the Northern Cheyenne Tribe of the closure of EPA's consultation process.	87895
Doc 810	2020_11_24	November 24, 2020 Letter notifying the Northwestern Band of the Shoshone Nation of the closure of EPA's consultation process.	87898
Doc 811	2020_11_24	November 24, 2020 Letter notifying the Oglala Sioux Tribe of the closure of EPA's consultation process.	87901
Doc 812	2020_11_24	November 24, 2020 Letter notifying the Omaha Tribe of Nebraska of the closure of EPA's consultation process.	87904
Doc 813	2020_11_24	November 24, 2020 Letter notifying the Paiute Indian Tribe of Utah of the closure of EPA's consultation process.	87907
Doc 814	2020_11_24	November 24, 2020 Letter notifying the Ponca Tribe of Nebraska of the closure of EPA's consultation process.	87910
Doc 815	2020_11_24	November 24, 2020 Letter notifying the Ponca Tribe of Oklahoma of the closure of EPA's consultation process.	87913

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Doc 816	2020_11_24	November 24, 2020 Letter notifying the Prairie Island Indian Community of the closure of EPA's consultation process.	87916
Doc 817	2020_11_24	November 24, 2020 Letter notifying the Rosebud Sioux Tribe of the closure of EPA's consultation process.	87919
Doc 818	2020_11_24	November 24, 2020 Letter notifying the Santee Sioux Nation of Nebraska of the closure of EPA's consultation process.	87922
Doc 819	2020_11_24	November 24, 2020 Letter notifying the Shakopee Mdewakanton Sioux Community of the closure of EPA's consultation process.	87925
Doc 820	2020_11_24	November 24, 2020 Letter notifying the Sisseton Wapehton Oyate of the closure of EPA's consultation process.	87928
Doc 821	2020_11_24	November 24, 2020 Letter notifying the Skull Valley Band of Goshute of the closure of EPA's consultation process.	87931
Doc 822	2020_11_24	November 24, 2020 Letter notifying the Southern Ute Indian Tribe of the closure of EPA's consultation process.	87934
Doc 823	2020_11_24	November 24, 2020 Letter notifying the Spirit Lake Nation of the closure of EPA's consultation process.	87937
Doc 824	2020_11_24	November 24, 2020 Letter notifying the Standing Rock Sioux Tribe of the closure of EPA's consultation process.	87940
Doc 825	2020_11_24	November 24, 2020 Letter notifying the Mandan, Hidatsa and Arikara Nation of the closure of EPA's consultation process.	87943
Doc 826	2020_11_24	November 24, 2020 Letter notifying the Turtle Mountain Band of Chippewaof the closure of EPA's consultation process.	87946
Doc 827	2020_11_24	November 24, 2020 Letter notifying the Upper Sioux Community of the closure of EPA's consultation process.	87949
Doc 828	2020_11_24	November 24, 2020 Letter notifying the Ute Indian Tribe of the closure of EPA's consultation process.	87952
Doc 829	2020_11_24	November 24, 2020 Letter notifying the Ute Mountain Ute Tribe of the closure of EPA's consultation process.	87955
Doc 830	2020_11_24	November 24, 2020 Letter notifying the Yankton Sioux Tribe of the closure of EPA's consultation process.	87958
Doc 831	2020_11_25	November 25, 2020 Letter notifying the Northern Cheyenne Tribe of the closure of EPA's consultation process.	87961
	CONSUI	LTATION EFFORTS-CHEYENNE RIVER SIOUX TRIBE	
Doc 832	2015_11_25	Letter from EPA dated November 25, 2015 EPA sent to the Cheyenne River Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87964
Doc 833	2015_12_23	Letter from the Cheyenne River Sioux Tribe dated December 23, 2015 responding to EPA's November 25, 2015 letter stating the Tribe would like to consult on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	87968
Doc 834	2016_08_12	Letter from EPA dated August 12, 2016 EPA sent to Cheyenne River Sioux Tribe Chairman Frazier after a March 8, 2016, meeting with the Tribe in Eagle Butte was cancelled. This letter was following instructions in a December 23, 2015 letter from Chairman Frazier directing EPA to contact his office to schedule a consultation meeting in Eagle Butte.	87970

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Doc 835	2017_05_04	Cheyenne River Sioux Tribe Resolution No. 145-2017-CR: The Cheyenne River Sioux Tribe continues to be firmly opposed to the construction of any and all uranium mines that would cross the land, waterways, and aquifers reserved by the United States of America for the Tribe in the 1851 Treaty of Fort Laramie and contains the provision. submitted by Councilman Bryce in the Woods during the May 8, 2017 public hearing.	87972
Doc 836	2017_06_09	Letter from EPA dated June 9, 2017 EPA to Cheyenne River Sioux Tribe Chairman Frazier following up on his testimony during a public hearing reminding EPA of the Tribes' request for a consultation meeting on EPA's proposed actions at the Dewey-Burdock uranium recovery site.	87976
Doc 837	2017_06_19	Letter from the Cheyenne River Sioux Tribe regarding EPA's obligation to Tribal Consultation submitted during the 2017 public comment period.	87985
Doc 838	2017_06_19	Comment letter from the Cheyenne River Sioux Tribe submitted during the 2017 public comment period opposing the Dewey-Burdock Project.	88089
Doc 839	2019_07_08	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Cheyenne River Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	88100
Doc 840	2019_08_16	Emails between EPA's contractor and the Cheyenne River Sioux Tribe	88110
Doc 841	2019_09_30	EPA meeting notes from the EPA-Cheyenne River Sioux Tribe consultation meeting held at Tribal headquarters in Eagle Butte, South Dakota, on September 30, 2019. Present at the meeting from EPA were Darcy O'Connor, Water Division Director, Kimberly Varilek, Senior Tribal Advisor to the Regional Administrator and Valois Robinson, UIC Program Project Lead for the Dewey-Burdock Dewey-Burdock Dewey-Burdock uranium recovery project. Present from the Tribe were Chairman Frazier, Councilman Bryce In The Woods, Tribal Historic Preservation Officer, Steve Vance, Manny and Renee Iron Hawk representing traditional tribal government and others.	88112
Doc 842	2020_02_11	Letter from EPA dated February 6, 2020 to Cheyenne River Sioux Tribe Chairman Frazier informing him of the deadline to schedule another consultation meeting.	88117
Doc 843	2020_11_13	Notification to 38 federally recognized tribes of EPA's signature to the Programmatic Agreement for the Dewey-Burdock Project to address EPA's National Historic Preservation Act section 106 responsibilities at the site (Nov. 13, 2020) (email with two attachments: letter and EPA signature page)	88126
Doc 844	2020_11_13	EPA's November 13, 2020 Cover Letter to NRC with EPA's Signature Page to the Programmatic Agreement for the Dewey-Burdock Project.	88129
Doc 845	2020_11_13	EPA's Signature Page to the Programmatic Agreement for the Dewey-Burdock Project.	88132

Document Number	Document Date	Description	Start Page
Doc 846	2020_11_24	Letter from EPA dated November 24, 2020 notifying Cheyenne River Sioux Tribe Chairman Frazier of the closure of EPA's consultation process.	88133
Doc 847	2017-2019	Emails between EPA and Dave Nelson, the Cheyenne River Sioux Tribe Environmental Director, related to a web conference in 2017 to provide Tribal leaders information about the Dewey-Burdock Project and to send information requested by the Tribe during the September 20, 2019 meeting in Eagle Butte, South Dakota.	88136
Doc 848	2017	Emails between EPA and Nicole Ducheneaux, Tribal attorney and the contact designated by Chairman Frazier for scheduling a consultation meeting with the Tribe.	88149
Doc 849	2016	Emails between EPA and Remy Bald Eagle, Intergovernmental Affairs Coordinator for the Cheyenne River Sioux Tribe, attempting to schedule a consultation meeting with the Tribe.	88398
Doc 850	2019	Emails between EPA and Steve Vance, Tribal Historic Preservation Officer, to schedule a consultation meeting with the Tribe.	88409
	CO	NSULTATION EFFORTS-OGLALA SIOUX TRIBE	
Doc 851	2020	Log of EPA's communication with the Oglala Sioux Tribe from May 2013 through January 2020.	88443
Doc 852	2013_05_28	EPA letter dated May 28, 2013 to Oglala Sioux Tribe President Brewer inviting consultation under section 106 of the National Historic Preservation Act and an informational web conference about the Dewey-Burdock Project requested by Tribes present at the NRC February 2012 meeting in Rapid City, South Dakota.	88444
Doc 853	2015_11_25	EPA letter dated November 25, 2015 EPA sent to Oglala Sioux Tribe President Steele inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	88451
Doc 854	2016_06_17	Community outreach handout EPA prepared for presentation at the June 17, 2016 meeting with the Oglala Sioux Tribe in response to request from the Tribe during the April 28, 2016 meeting in Pine Ridge, South Dakota.	88455
Doc 855	2016_06_17	Statement from Oglala Sioux Tribe President Steele presented during the June 17, 2016 meeting with EPA and Oglala Sioux Tribe leaders in Denver, Colorado.	88457
Doc 856	2016_06_17	EPA's presentation on Regional Applied Research Effort project work performed at the Dewey-Burdock Project Area prepared by EPA for presentation at the June 17, 2016 meeting with the Oglala Sioux Tribe in response to request from the Tribe during the April 28, 2016 meeting	88460
Doc 857	2016_06_30	EPA letter dated June 30, 2016 to Oglala Sioux Tribe Councilman David Pourier, Chairman of the Land and Natural Resources Committee, requesting to present proposed plan for community outreach on the Pine Ridge Reservation related to the Dewey-Burdock Uranium Recovery Site before the Oglala Sioux Tribe Land & Natural Resources Committee per direction from Tribal leaders during the June 17, 2016 meeting.	88484

Document Number	Document Date	Description	Start Page
Doc 858	2016_06_30	EPA letter dated June 30, 2016 to Oglala Sioux Tribe President Steele replying to his statement presented at the June 17, 2016 meeting with the Tribe in Denver and requesting a meeting with him when EPA would be at the Pine Ridge Reservation meeting with the Tribal Council Committee on Land and Natural Resources to discuss EPA's proposal for a community outreach plan for the Pine Ridge Reservation to inform Tribal members about EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	88485
Doc 859	2016_07_18	Trip report prepared by EPA documenting EPA's meeting with the Oglala Sioux Tribe Land and Natural Resources Committee where EPA presented a proposed outreach plan for the Pine Ridge Reservation to inform Tribal members about EPA's permitting actions at the Dewey-Burdock project site. The report documents that the Land and Natural Resources Committee did not want EPA to conduct community outreach on the Pine Ridge Reservation.	88487
Doc 860	2016_06	EPA Talking Points for Community Outreach Plan Discussion with the Oglala Sioux Tribe during the June 17, 2016 meeting in Denver and the presentation for the Oglala Sioux Tribe Land and Natural Resources Committee	88489
Doc 861	2016_09_01	EPA letter dated September 9, 2016 to Oglalal Sioux Tribe President Steele to seek clarification that the Tribe did not want EPA to conduct community outreach activities and public hearings on the Pine Ridge Reservation and to confirm Tribal leaders did not want to hold a consultation meeting with the EPA before the UIC draft permits are issued for the Dewey-Burdock site.	88492
Doc 862	2016_07_18	EPA letter dated June 9, 2017 EPA to Oglala Sioux Tribe President Weston requesting a consultation meeting on EPA's proposed actions at the Dewey-Burdock uranium recovery site.	88494
Doc 863	2017_06_19	Letter dated June 19, 2017 from Oglala Sioux Tribe President Weston to EPA Administrator Scott Pruitt	88503
Doc 864	2017_07_19	Comments from the Oglala Sioux Tribe submitting during the 2017 public comment period opposing the Dewey-Burdock project	88507
Doc 865	2019_07_08	EPA letter dated July 8, 2019 to Oglala Sioux Tribe President Bear Runner inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	90642
Doc 866	2019_08_02	Letter dated August 2, 2018 from Oglala Sioux Tribe President Bear Runner replying to EPA's July 8, 2019 consultation invitation letter and requesting the names of EPA attendees who will be at the consultation meeting.	90652
Doc 867	2019_08_21	EPA letter dated August 21, 2019 responding to Oglala Sioux Tribe President Bear Runner's letters with the names of EPA attendees who will be at the consultation meeting.	90654
Doc 868	2019_12_09	Comments from the Oglala Sioux Tribe submitting during the 2019 public comment period opposing the Dewey-Burdock project	90655
Doc 869	2019_12_09	Additional information submitted by Jeff Parsons on behalf of the Oglala Sioux Tribe during the 2019 public comment period.	91048
Doc 870	2020_02_14	EPA letter dated February 14, 2020 to Oglala Sioux Tribe President Bear Runner informing him of the deadline to schedule another consultation meeting.	91134

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Doc 871	2020_02_14	EPA letter dated February 14, 2020 to Oglala Sioux Tribe Secretary Jennifer Spotted Bear request her assistance in scheduling a consultation meeting.	91146
Doc 872	2020_06_17	Letter dated June 17, 2020 from President Bear Runner reiterating the government to government consultation requirements of Oglala Sioux Tribe outlined in Ordinance No. 11_10 and explaining the steps involved in the Tribe's consultation process.	91157
Doc 873	2020_06_17	Agenda proposed by the Oglala Sioux Tribe for the June 24, 2020 consultation meeting.	91171
Doc 874	2020_06_23	EPA letter dated June 23, 2020 replying to Oglala Sioux Tribe President Bear Runner's June 17, 2020 letter stating EPA cannot travel due to COVID-19 restrictions and proposing a call instead to	91173
Doc 875	2020_08_19	Email from Kimberly Varilek, Tribal Affairs Branch Chief and Senior Tribal Advisor to the Regional Administrator, to Jennifer Spotted Bear, Oglala Sioux Tribe President containing the EPA/Oglala Sioux Consultation Schedule/Plan for the Dewey-Burdock Project.	91178
Doc 876	2020_08_21	Letter dated August 21, 2020 from Oglala Sioux Tribe President Bear Runner to BLM and EPA requesting joint Government-to-Government consultations between EPA, BLM and the Oglala Sioux Tribe pursuant to President Clinton's Executive Order No. 13175 and Oglala Sioux Tribal Council Ordinance No. 10-11 to discuss impacts from the Dewey-Burdock In Situ Uranium Mining Project.	91180
Doc 877	2020_08_28	EPA's meeting notes from the August 28, 2020 consultation meeting with the Oglala Sioux Tribe.	91182
Doc 878	2020_09_18	EPA letter dated September 18, 2020 replying to Oglala Sioux Tribe President Bear Runner's August 21, 2020 meeting agreeing to attend the joint consultation meeting schedule with the Tribe and BLM and emphasizing the importance of holding the October 2nd meeting in order for EPA to meet its deadline for issuance of final permit decisions.	91184
Doc 879	2020_10_21	EPA letter dated October 21, 2020 to President Bear Runner after the Tribe did not hold the October 2nd meeting informing him of the Conclusion of Tribal Consultation on the UIC permit applications for the Dewey-Burdock Uranium In-Situ Recovery Site	91187
Doc 880	2020_11_02	Letter dated November 2, 2020 from Oglala Sioux Tribe President Bear Runner replying to EPA's October 21, 2020 concluding tribal consultation.	91190
Doc 881	2020_11_17	EPA's November 13, 2020 email to NRC, BLM, ACHP, the SD SHPO and 38 Tribes, including the Oglala Sioux Tribe, informing them the EPA is adopting the Programmatic Agreement among US Nuclear Regulatory Commission, US Bureau of Land Management, South Dakota State Historic Preservation Office, Powertech (USA), Inc. and Advisory Council on Historic Preservation regarding the Dewey-Burdock In Situ Recovery Project Located in Custer and Fall River Counties, South Dakota with cover letter to NRC and EPA's signature page to the NRC 2014 Programmatic Agreement	91195

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Doc 882	2020_11_17	EPA's November 13, 2020 Cover Letter to NRC with EPA's Signature Page to the Programmatic Agreement	91202
Doc 883	2020 11 17	EPA's Signature Page to the Programmatic Agreement	91205
Doc 884	2020_11_19	EPA letter dated November 19, 2020 from the Region 8 Administrator responding to Oglala Sioux Tribe President Bear Runner's November 2, 2020 letter and stating EPA is concluding the tribal consultation process and is unable to fulfill the Tribe's request to schedule additional tribal consultation meetings, consistent with EPA's October 21, 2020 letter.	91206
Doc 885	2020_11_24	EPA letter dated November 24, 2020 notifying Oglala Sioux Tribe President Bear Runner of the closure of EPA's consultation process.	91210
Doc 886	2017-2020	Emails between Jeff Parson, Attorney for the Oglala Sioux Tribe, and EPA	91213
Doc 887	2020	Emails between EPA and Jennifer Spotted Bear, Oglala Sioux Tribe Secretary, discussing the scheduling and logistics of consultation meetings.	91237
Doc 888	2019-2020	Emails between EPA and Michael Catches Enemy, Legislative Liaison, President's Office, Oglala Sioux Tribe, discussing the scheduling of consultation meetings.	91290
Doc 889	2019-2020	Emails between EPA and Reno Red Cloud, Tribal Water Administrator, discussing the scheduling of consultation meetings.	91332
	CONSU	LTATION EFFORTS-STANDING ROCK SIOUX TRIBE	
Doc 890	2015_11_25	Letter dated November 25, 2015 EPA sent to the Standing Rock Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey- Burdock uranium recovery project.	91471
Doc 891	2019_07_08	Notes from the May 5, 2016 consultation meetings held at Tribal headquarters in Fort Yates, North Dakota. EPA meeting attendees were Darcy O'Connor, Darcy O'Connor, Acting Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance, and Valois Shea, UIC Program lead for the Dewey-Burdock Project.	91474
Doc 892	2017_06_19	Comments from the Standing Rock Sioux Tribe submitting during the 2017 public comment period opposing the Dewey-Burdock project.	91476
Doc 893	2020_02_14	Consultation Invitation Letter dated July 8, 2019 EPA sent to the Standing Rock Sioux Tribe inviting consultation on EPA's proposed UIC actions for the Dewey-Burdock uranium recovery project.	91486
Doc 894	2019_12_09	Comments from the Standing Rock Sioux Tribe submitting during the 2019 public comment period opposing the Dewey-Burdock project.	91496
Doc 895	2020_01_16	Email dated January 16, 2020 from EPA to Tribal representatives following up on Chairman Faith's Dec 9, 2019 letter indicating an interest in having a consultation meeting to discuss the Dewey-Burdock uranium site in southwest South Dakota.	91499
Doc 896	2020_04_07	Letter from EPA dated February 14, 2020 to Standing Rock Sioux Tribe Chairman Faith informing him of the deadline to schedule another consultation meeting.	91500

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Doc 897	2020_04	Emails between Allyson Two Bears, Standing Rock Sioux Tribe Environmental Director and EPA discussing the scheduling of a consultation meeting with the Tribe.	91511
Doc 898	2020_05_18	May 18, 2020 email from EPA to Standing Rock Sioux Tribe Chairman expressing interest in scheduling another consultation meeting with the Tribe.	91514
Doc 899	2020_11_13	Notification to 38 federally recognized tribes of EPA's signature to the Programmatic Agreement for the Dewey-Burdock Project to address EPA's National Historic Preservation Act section 106 responsibilities at the site (Nov. 13, 2020) (email with two attachments: letter and EPA signature page)	91515
Doc 900	2020_11_13	EPA's November 13, 2020 Cover Letter to NRC with EPA's Signature Page to the Programmatic Agreement for the Dewey-Burdock Project.	91518
Doc 901	2020_11_13	EPA's Signature Page to the Programmatic Agreement for the Dewey-Burdock Project.	91521
Doc 902	2020_11_24	Letter from EPA dated November 24, 2020 notifying Standing Rock Sioux Tribe Chairman Faith of the closure of EPA's consultation process.	91522
Doc 903	2020_11_09	EPA memorandum dated November 9, 2020 to document EPA's outreach efforts to tribal government representatives to confirm receipt 2015 consultation letters letter consistent with EPA's Policy on Consultation and Coordination with Indian Tribes.	91525
		CONSULTATION EFFORTS-OTHER TRIBES	
Doc 904	2019-2020	Emails between the Cheyenne and Arapaho Tribes of Oklahoma, EPA's contractor and EPA to schedule a consultation meeting, following up after the meeting to send information the Tribes requested during the meeting and to ask if the Tribes were interested in scheduling a second consultation meeting as indicated during the first consultation meeting.	91526
Doc 905	2019-2020	Emails between EPA and Dyan Youpee the Tribal Historic Preservation Officer for the Fort Peck Tribes to schedule an informational meeting and provide information about the project	91542
Doc 906	2019_08_21	Emails between EPA's contractor and Edmund Baker, Environmental Director of the Mandan, Hidatsa and Arikara Nation.	91713
Doc 907	2020_02_27	Letter dated February 25, 2020, from Crystal C'Bearing, Deputy Director of the Northern Arapaho Tribal Historic Preservation Office, stating the project would probably encounter cultural resources, TCPs and sacred sites within the Area of Potential Effects; however, the Northern Arapaho Tribal Historic Preservation Office cannot make a clear determination on this project and requests more information.	91715
Doc 908	2020_04_22	April 22, 2020 email from EPA to Crystal C'Bearing replying to her February 25, 2020 letter and sending her information about the Dewey-Burdock site.	91717
Doc 909	2017	Emails between EPA and Julia Sage, Environmental Manager of the Ponca Tribe of Nebraska, to schedule a consultation meeting and EPA following up the after consultation meeting by providing additional information requested by the Tribe during the meeting.	91891

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Doc 910	2019_08_08	Emails between EPA, EPA's contractor and Melissa Palma from the Ponca Tribe of Oklahoma's Office of Environmental Management, including comments from Melissa opposing the Dewey-Burdock Project.	91907
Doc 911	2017_04_24	Santee Sioux April 24, 2017 resolution opposing the Dewey-Burdock Project in support of all Tribes opposing the project.	91914
Doc 912	2019-2020	Emails between EPA and Santee Sioux Chairman, Environmental Director and Tribal Historic Preservation Officer in preparation for holding a consultation meeting and EPA follow-up after the meeting by providing additional information requested by the Tribe.	91916
Doc 913	2019	Emails between the Yankton Sioux Tribal Historic Preservation Officer and EPA's contractor in reply to the July 8, 2019 consultation invitation letter EPAs sent to the Tribe.	91952
•		TRIBAL CONSULTATION MEETING NOTES	
Doc 914	2016_02_22	EPA notes from consultation webinar with representatives from the Prairie Island Indian Community, Shakopee Mdewakanton Sioux Community and Upper Sioux Community. EPA attendees were Douglas Minter, UIC Unit Chief and Valois Shea, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91962
Doc 915	2016_03_01	EPA notes from consultation meeting with representatives from the Crow Tribe of Indians. EPA attendees were Darcy O'Connor, Acting Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance Kimberly Varilek, Office of Regional Council, Tribal Law Attorney, and Valois Shea, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91963
Doc 916	2016_03_02	EPA notes from consultation web conference with Northern Arapaho Tribal Historic Preservation Officer. EPA attendees were Darcy O'Connor, Acting Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance Kimberly Varilek, Office of Regional Council, Tribal Law Attorney, and Valois Shea, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting. "	91964
Doc 917	2016_03_03	EPA notes from consultation meeting with representatives from the Fort Belknap Tribes. EPA attendees were Darcy O'Connor, Acting Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance Kimberly Varilek, Office of Regional Council, Tribal Law Attorney, and Valois Shea, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting. Bolded statements and questions were from the tribal representatives. After the meeting, EPA researched the issues identified and added the nonbolded statements following as EPA's responses back to the Tribes.	91965

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Doc 918	2016_04_19	Email from Northern Arapaho Tribal Historic Preservation Officer with concerns about the NRC Programmatic Agreement as followup to the March 2, 2016 web conference.	91971
Doc 919	2016_05_05	EPA notes from consultation meeting with representatives from the Standing Rock Sioux Tribe. EPA attendees were Darcy O'Connor, Acting Assistant Regional Administrator, Office of Partnerships and Regulatory Assistance and Valois Shea, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91973
Doc 920	2017_08_23	EPA notes from consultation meeting with representatives from the Ponca Tribe of Nebraska. EPA attendees were Darcy O'Connor, Assistant Regional Administrator, Office of Water Protection, Patrick Rogers, Tribal Advisor to the Region Administrator and Valois Shea, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91975
Doc 921	2019_09_30	EPA notes from consultation meeting with representatives from the Cheyenne and Arapaho Tribes of Oklahoma. EPA attendees were Darcy O'Connor, Water Division Director, Kimberly Varilek, Senior Tribal Advisor to the Regional Administrator, and Valois Robinson, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91977
Doc 922	2019_09_30	EPA notes from consultation meeting with representatives from the Cheyenne River Sioux Tribe. EPA attendees were Darcy O'Connor, Water Division Director, Kimberly Varilek, Senior Tribal Advisor to the Regional Administrator, and Valois Robinson, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91980
Doc 923	2019_11_20	EPA notes from consultation meeting with representatives from the Santee Sioux Tribe. EPA attendees were Darcy O'Connor, Water Division Director, Kimberly Varilek, Senior Tribal Advisor to the Regional Administrator, and Valois Robinson, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91983
Doc 924	2020_07_20	EPA notes from consultation web conference with representatives from the Santee Sioux Tribe. EPA attendees were Darcy O'Connor, Water Division Director, Kimberly Varilek, Senior Tribal Advisor to the Regional Administrator, and Valois Robinson, UIC Program Lead for the Dewey-Burdock Project. Meeting notes include concerns raised by Tribal representatives during the meeting.	91989

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Doc 925	2020_08_28	EPA notes from consultation web conference with representatives from the Santee Sioux Tribe. EPA attendees were Darcy O'Connor, Water Division Director, Kimberly Varilek, Senior Tribal Advisor to the Regional Administrator, representatives from the Office of Regional Council and the UIC Program. Meeting notes include concerns raised by Tribal representatives during the meeting.	91991
	TECHN	ICAL WEB CONFERENCES REQUESTED BY TRIBES	
Doc 926	2013_02_25	EPA February 25, 2013 email invitation to Tribes for March 4, 2013 web conference discussing water quality concerns about the Cheyenne River.	91993
Doc 927	2013_03_04	Audio file of March 4, 2013 web conference with Tribes discussing Cheyenne River water quality concerns.	91995
Doc 928	2013_03_04	Slide presentation for March 4, 2013 web conference with Tribes discussing Cheyenne River water quality concerns.	91996
Doc 929	2013_03_25	EPA March 25, 2013 email sending the audio file to Tribes of March 4, 2013 web conference discussing Cheyenne River water quality concerns.	92010
Doc 930	2013_04_22	EPA slide presentation for April 22, 2013 web conference with Tribes discussing concerns about radiation impacts from the Dewey-Burdock uranium recovery project.	92013
Doc 931	2013_04_22	Audio file of April 22, 2013 web conference with Tribes discussing concerns about radiation impacts from the Dewey-Burdock uranium recovery project.	92035
Doc 932	2013_06_10	EPA slide presentation for June 10, 2013 web conference with Tribes discussing the UIC permit applications and Dewey-Burdock site hydrogeology.	92036
Doc 933	2013_06_10	Audio file for of June 10, 2013 web conference with Tribes discussing the UIC permit applications and Dewey-Burdock site hydrogeology.	92076
		ADDITIONAL DOCUMENTS 1	
Doc 934	2020_11_17	Notification to the Nuclear Regulatory Commission, Bureau of Land Management, Advisory Council on Historic Preservation, and South Dakota State Historic Preservation Office of EPA's signature to the Programmatic Agreement for the Dewey-Burdock Project to address EPA's National Historic Preservation Act section 106 responsibilities at the site (Nov. 13, 2020) (email with two attachments: letter and EPA signature page)	92077
Doc 935	2020	Log of communication between EPA and the Cheyenne River Sioux Tribe attempting to schedule a consultation meeting.	92082
Doc 936	2020	List of 38 federally recognized tribes receiving EPA's email with the signature to the Programmatic Agreement for the Dewey-Burdock Project to address EPA's National Historic Preservation Act section 106 responsibilities at the site (Nov. 13, 2020) (email with two attachments: letter and EPA signature page)	92085
Doc 937	2009	NRC, 2009, Generic Environmental Impact Statement for In-Situ Leach Uranium Milling Facilities, NUREG-1910 Vol.1, Chapter 3.1-3.2	92086

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Doc 938	2020	Emails between EPA and NRC to clarify Powertech's NRC License requirements	92186
Doc 939	2020_11-17	Notification to Northern Cheyenne Tribe (because contact information was incorrect in previous emails) of EPA's signature to the Programmatic Agreement for the Dewey-Burdock Project to address EPA's National Historic Preservation Act section 106 responsibilities at the site (Nov. 13, 2020) (email with two attachments: letter and EPA signature page)	92194
	COMMUNIC	ATION WITH GREAT PLAINS TRIBAL WATER ALLIANCE	
Doc 940	2019_08_02	Great Plains Tribal Water Alliance August 2, 2019 letter to EPA requesting a consultation meeting	92195
Doc 941	2019_08_06	August 2019 emails between EPA and the Great Plains Tribal Water Alliance discussing a meeting.	92196
Doc 942	2020_02_20	February 20, 2020 emails between EPA and the Great Plains Tribal Water Alliance discussing a meeting.	92200
Doc 943	2020_02_26	February 25-26, 2020 emails between EPA and the Great Plains Tribal Water Alliance discussing a meeting.	92201
Doc 944	2020_03_04	March 4, 2020 emails between EPA and the Great Plains Tribal Water Alliance attempting to connect for a meeting.	92203
		ADDITIONAL DOCUMENTS 2	
Doc 945	2019_06_24	Emails between EPA and the SD DENR Water Rights Program clarifying private well classifications under South Dakota Administrative Rules and Codified Law.	92205
Doc 946	1984_07_05	EPA, 1984, Guidance #34, Review and Approval of State Underground Injection Control (UIC) Programs and Revisions to Approved State Programs. Attachment 2 is a Summary Sheet of Aquifer Exemption; Attachment 3 contains Guidelines for Reviewing Aquifer Exemption Requests.	92207
Doc 947	2014_07_24	EPA, 2014, Memorandum entitled "Enhancing Coordination and Communication with States on Review and Approval of Aquifer Exemption Requests Under SDWA" signed by the Office of Ground Water and Drinking Water Director in EPA Headquarters.	92235
Doc 948	2020_09_14	EPA, 2020, Notes from EPA call with representative from South Dakota Game, Fish and Parks to discuss wildlife survey requirements related to the Large Scale Mine Permit.	92245
Doc 949	2014	EPA, 2014, Region 8 UIC Program Aquifer Exemption Evaluation (AE) template document for developing AE Record of Decision documents based on the checklist in the EPA 2014 Memorandum entitled "Enhancing Coordination and Communication with States on Review and Approval of Aquifer Exemption Requests Under SDWA"	92246
Doc 950	2014_04_08	NRC, 2014, Dewey-Burdock Source Material License SUA-1600 issued to Powertech (USA) Inc., April 8, 2014, NRC ADAMS Accession No. ML14043A392.	92249
Doc 951	2018_06_01	Advisory Council on Historic Preservation, 2018, Frequently Asked Questions About Lead Federal Agencies in Section 106 Review.	92264

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Doc 952	2014_04_07	Advisory Council on Historic Preservation (ACHP), 2014, Letter to the NRC enclosing ACHP signature page to the Programmatic Agreement for the Dewey-Burdock In-Situ Uranium Recovery Project. NRC ADAMS Accession No. ML14099A025.	92274
Doc 953	2015-08_26	Emails to Tribal Historic Preservation Officers regarding upcoming EPA Region 8 Tribal Consultation meeting related to the proposed Dewey-Burdock site, Sept 10, 2015 in Bismarck, ND	92276
Doc 954	2017_06_07	Email from Standing Rock Sioux Tribe to EPA requesting consultation on the proposed UIC Program actions at the Dewey-Burdock site.	92309
Doc 955	2018_02_09	Email from Powertech to EPA transmitting the USFWS letter with determination that an "Eagle Take" is not required.	92312
Doc 956	2017_05	Emails from commenters	92315
Doc 957	2014_06_20	LaGarry Opening Written Testimony ML14189A206	92330
Doc 958	2020_04_03	Azarga Entity Name Verification	92340
Doc 959	2017_03_06	EPA Notification to the Cheyenne River Sioux Tribe of UIC draft permits issued for the Dewey-Burdock Site.	92342
Doc 960	2017_03_06	EPA Notification to the Santee Sioux Tribe of UIC draft permits issued for the Dewey-Burdock Site.	92343
Doc 961	2014_08	Raymond Johnson Predictive Modeling Presentation to EPA	92344
Doc 962	2020_01	All public comments received organized by subject matter with commenters' names redacted.	92389
Doc 963	1996_03_14	EPA Region 8 Policy for Environmental Protection in Indian Country	93554
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		CLASS III	
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Doc 965	2012_08_01	Powertech, 2012, Transmittal letter to EPA re: Dewey-Burdock Project Revised Class III UIC Application	93575
Doc 966	2012_08_01	Powertech, 2012, UIC Class III Permit Application Form 7520-6	93579
Doc 967	2012_07	Powertech, 2012, UIC Class III Permit Application Report	93585
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Doc 969	2012_07	Powertech, 2012, UIC Class III Permit Application Appendix B, Well Inventory	93798
Doc 970	2012_07	Powertech, 2012, UIC Class III Permit Application Appendix C, Exploration Drill Holes within One-Mile Perimeter around the Dewey- Burdock Project	94650
Doc 971	2012_07	Powertech, 2012, UIC Class III Permit Application Appendix D, Potentiometric Surfaces in the Black Hills Area	94790
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Doc 980	2012_07	Powertech, 2012, UIC Class III Permit Application Appendix M, Aquifer Exemption Boundary Justification	95184
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Doc 983	2012_07	Powertech, 2012, UIC Class III Permit Application Plate 3.1, Area of Review Map	97716
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