

T3-2022-16220 Exhibit List			
Exhibit #	# of Pages	Description of Exhibit	Date Received / Submitted
A.1	3	PWB Permit Application Forms	10/12/22
A.2	35	Land Use Applications Introduction	10/12/22
A.3	25	1. Filtration Facility Site Overview	10/12/22
A.4	111	1.A Filtration Facility Conditional Use Application Narrative	10/12/22
A.5	50	1.B Filtration Facility Design Review Application Narrative	10/12/22
A.6	27	1.C Communications Tower Conditional Use and Design Review Application Narrative (<i>Revised, see Exhibit A.217</i>)	10/12/22
A.7	41	2. Pipeline Overview	10/12/22
A.8	35	2.A Pipelines Conditional Use Application Narrative	10/12/22
A.9	23	2.B Pipelines Design Review Application Narrative	10/12/22
A.10	11	2.C Pipeline EFU Review Application Narrative	10/12/22
A.11	32	2.D Pipeline SEC Review Application Narrative	10/12/22
A.12	1	A.1a Flysheet	10/12/22
A.13	40	A.1a Site Plans (<i>Revised, See Exhibit A.212</i>)	10/12/22
A.14	1	A.1b Flysheet	10/12/22
A.15	54	A.1b Architectural Plans	10/12/22
A.16	1	A.1c Flysheet	10/12/22
A.17	8	A.1c Civil Engineering Plans	10/12/22
A.18	1	A.2a Flysheet	10/12/22
A.19	25	A.2a Site Plans (<i>Revised, see Exhibit A.214</i>)	10/12/22
A.20	1	A.2b Flysheet	10/12/22
A.21	7	A.2b Architectural Plans	10/12/22
A.22	1	A.2c Flysheet	10/12/22
A.23	5	A.2c Civil Engineering Plans	10/12/22
A.24	1	A.3 Flysheet	10/12/22
A.25	7	A.3 Significant Environment Concern Overlay Drawings	10/12/22
A.26	1	B.1 Flysheet	10/12/22
A.27	9	B.1 Bull Run Treatment Projects Outreach History	10/12/22

A.28	1	B.2 Flysheet	10/12/22
A.29	27	B.2 Bull Run Filtration Site Advisory Group Summary	10/12/22
A.30	1	C.1 Flysheet	10/12/22
A.31	171	C.1 Bull Run Filtration Project Traffic Impact Analysis	10/12/22
A.32	1	D.1 Flysheet	10/12/22
A.33	165	D.1 Agricultural Compatibility Study	10/12/22
A.34	1	D.2 Flysheet	10/12/22
A.35	24	D.2 Agricultural Soil Restoration Study	10/12/22
A.36	1	D.3 Flysheet	10/12/22
A.37	30	D.3 Forestry Compatibility Study	10/12/22
A.38	1	D.4 Flysheet	10/12/22
A.39	70	D.4 Pesticides Report	10/12/22
A.40	1	D.5 Flysheet	10/12/22
A.41	23	D.5 Potential Impacts of Pesticide Use on Finished Water Quality	10/12/22
A.42	1	D.6 Flysheet	10/12/22
A.43	2	D.6 Lusted Hill Treatment Facility Recorded Farm and Forest Deed Restriction	10/12/22
A.44	1	E.1 Flysheet	10/12/22
A.45	22	E.1 Oregon Water Treatment Plant Operations	10/12/22
A.46	1	E.2 Flysheet	10/12/22
A.47	88	E.2 Land Use Permitting Lighting Report	10/12/22
A.48	1	E.3 Flysheet	10/12/22
A.49	18	E.3 Bull Run Filtration Facility Exterior Noise Analysis	10/12/22
A.50	1	E.4 Flysheet	10/12/22
A.51	4	E.4 Potential Local Impacts of Facility Operation	10/12/22
A.52	1	E.5 Flysheet	10/12/22
A.53	8	E.5 Filtration Facility Odor Considerations	10/12/22
A.54	1	E.6 Flysheet	10/12/22
A.55	41	E.6 Hazardous Materials Management Plan	10/12/22
A.56	1	E.7 Flysheet	10/12/22
A.57	3	E.7 Potential Discharges to Johnson Creek	10/12/22

A.58	1	E.8a Flysheet	10/12/22
A.59	2	E.8a Oregon Department of Fish and Wildlife Communication	10/12/22
A.60	1	E.8b Flysheet	10/12/22
A.61	1	E.8b Oregon Department of Fish and Wildlife Deer & Elk Habitat Map	10/12/22
A.62	1	F.1 Flysheet	10/12/22
A.63	20	F.1 Exterior Site Lighting Analysis Finish Water Intertie Facility	10/12/22
A.64	1	F.2 Flysheet	10/12/22
A.65	10	F.2 Preliminary Acoustical Analysis of the Facility Pipeline Finished Water Intertie	10/12/22
A.66	1	G.1 Flysheet	10/12/22
A.67	8	G.1 Raw Water Pipeline Wildlife Conservation Plan	10/12/22
A.68	1	G.2 Flysheet	10/12/22
A.69	7	G.2 Distribution Main Wildlife Conservation Plan	10/12/22
A.70	1	G.3 Flysheet	10/12/22
A.71	5	G.3 Draft Inadvertent Discovery Plan for Cultural Resources	10/12/22
A.72	1	H.1 Flysheet	10/12/22
A.73	499	H.1 Filtration Facility Stormwater Drainage Report	10/12/22
A.74	1	H.2 Flysheet	10/12/22
A.75	61	H.2 Finished Water Intertie Stormwater Report – 17 pages a. Appendix A – 7 pages b. Appendix B References – 14 pages c. Appendix C Calculation Results – 12 pages d. Appendix D Conveyance Calculations – 5 pages e. Appendix E Operations & Maintenance – 3 pages f. Appendix F Stormwater Certificate Form – 3 pages	10/12/22
A.76	1	H.3 Flysheet	10/12/22
A.77	117	H.3 Pipelines Stormwater Report – 17 pages a. Appendix A: Figures – 4 pages b. Appendix B: Stormwater Drawings – 12 pages c. Appendix C: References – 35 pages d. Appendix D: Calculations – 43 pages e. Appendix E: Operations & Maintenance – 3 pages f. Appendix F: Stormwater Certification Form – 3 pages	10/12/22
A.78	1	H.4 Flysheet	10/12/22

A.79	6	H.4 Stormwater Drainage Control Certification – Bull Run Filtration Facility – 2 pages a. Stormwater Drainage Control Cert. - Finished Water Intertie Site – 2 pages b. Stormwater Drainage Control Cert. – Filtration Pipelines – 2 pages	10/12/22
A.80	1	I.1 Flysheet	10/12/22
A.81	2	I.1a Filtration Facility Geotechnical Engineering Summary	10/12/22
A.82	2	I.1b Raw Water Pipelines Geotechnical Engineering Summary	10/12/22
A.83	2	I.1c Finished Water Pipelines Geotechnical Engineering Summary	10/12/22
A.84	1	I.2 Flysheet	10/12/22
A.85	4	I.2 Raw Water Pipeline Alternatives from Lusted Road to Filtration Facility	10/12/22
A.86	1	I.3 Flysheet	10/12/22
A.87	13	I.3 Raw Water Pipelines Geologic Hazards Permit Form – 1 page a. Key Plan for Forms – 2 pages b. Raw Water Pipeline – Tunnel within Geologic Hazard Zone – Form B – 2 pages c. Geologic Hazards Permit Form 1 – 5 pages d. Plans – 3 pages	10/12/22
A.88	1	I.4 Flysheet	10/12/22
A.89	18	I.4 Lusted Road Distribution Main Geologic Hazards Permit Form – 1 page a. Key Plan for Forms – 3 pages b. Finished Water Pipeline – LRDM within Geologic Hazard Zone – Form A – 1 page c. Geologic Hazards Permit Form -1 – 4 pages d. Geologic Hazards Permit Application Additional Responses – 2 pages e. Bull Run Filtration Pipelines Project Geohazard Area Exhibits – 7 pages	10/12/22
A.90	1	J.1 Flysheet	10/12/22
A.91	2	J.1 Gravel Road Emergency Vehicle Support	10/12/22
A.92	1	K.2 Flysheet	10/12/22
A.93	122	K.2 Current Title Reports	10/12/22
A.94	8	K.3a Filtration Facility Property Deeds	10/12/22
A.95	1	K.3b Flysheet	10/12/22

A.96	78	K.3b Finished Water Pipelines Property Deeds	10/12/22
A.97	1	K.3c Flysheet	10/12/22
A.98	34	K.3c Raw Water Pipelines Property Deeds	10/12/22
A.99	1	K.4a Flysheet	10/12/22
A.100	2	K.4a Historic Imagery Filtration Facility	10/12/22
A.101	1	K.4b Flysheet	10/12/22
A.102	3	K.4b Historic Imagery Raw Water Pipelines	10/12/22
A.103	1	K.5 Flysheet	10/12/22
A.104	2	K.5 Partition Plats – Partition Plat 1991-111 a. Edgewater Subdivision Plat	10/12/22
A.105	1	K.6 Flysheet	10/12/22
A.106	1	K.6 Historic Zoning Maps 1S4E23C-1400 and 1500	10/12/22
A.107	1	L.1 Flysheet	10/12/22
A.108	1	L.1 Multnomah County Sheriff's Office Facility Will Serve Form	10/12/22
A.109	1	L.2 Flysheet	10/12/22
A.110	1	L.2 Multnomah County Sheriff's Office Intertie Will Serve Form	10/12/22
A.111	1	L.3 Flysheet	10/12/22
A.112	1	L.3 Clackamas County Sheriff's Office Will Serve Letter	10/12/22
A.113	1	L.4 Flysheet	10/12/22
A.114	1	L.4 Sandy Fire District 72 Will Serve Letter	10/12/22
A.115	1	L.5a Flysheet	10/12/22
A.116	1	L.5a Portland General Electric Facility Will Serve Letter	10/12/22
A.117	1	L.5b Flysheet	10/12/22
A.118	1	L.5b Portland General Electric Intertie Will Serve Letter	10/12/22
A.119	1	L.6 Flysheet	10/12/22
A.120	1	L.6 M.V.S. & Recycling Services Will Serve Letter	10/12/22
A.121	1	L.7 Flysheet	10/12/22
A.122	2	L.7 Ziply Fiber Will Serve Letter	10/12/22
A.123	1	L.8 Flysheet	10/12/22
A.124	24	L.8 Septic Review Certification	10/12/22

A.125	1	L.9 Flysheet	10/12/22
A.126	3	L.9a Portland Water Bureau Facility Will Serve Letter	10/12/22
A.127	1	L.9b Pleasant Home Water District Intertie Certification of Water Service	10/12/22
A.128	2	L.9c Pleasant Home Water District Certification of Water Service	10/12/22
A.129	1	L.10 Flysheet	10/12/22
A.130	14	L.10 Fire Service Agency Review a. Mult. Rural Fire Protection Dist. #10 9/21/22 – 5 pages b. Gresham Fire / District #10 dated 7-12-2022 – 9 pages	10/12/22
A.131	1	M.1 Flysheet	10/12/22
A.132	8	M.1 Design Report	10/12/22
A.133	1	M.2 Flysheet	10/12/22
A.134	1	M.2 Bull Run Tower Design Drawing	10/12/22
A.135	1	M.3 Flysheet	10/12/22
A.136	1	M.3 Bull Run Tower Foundation Design	10/12/22
A.137	1	M.4 Flysheet	10/12/22
A.138	15	M.4 Communication Tower Design Calculations	10/12/22
A.139	1	M.5 Flysheet	10/12/22
A.140	2	M.5 Design Criteria and Failure Modes for Valmont Communication Towers	10/12/22
A.141	1	M.6 Flysheet	10/12/22
A.142	4	M.6 Federal Aviation Administration Determination of No Hazard to Air Navigation	10/12/22
A.143	1	M.7 Flysheet	10/12/22
A.144	5	M.7 Oregon Department of Aviation Comments Regarding Construction or Alteration of an Antenna Tower	10/12/22
A.145	1	M.8 Flysheet	10/12/22
A.146	1	M.8 Federal Communications Commission Radio Station Authorization	10/12/22
A.147	1	M.9a Flysheet	10/12/22
A.148	2	M.9a Microwave Path Survey Interpretation Memo	10/12/22
A.149	1	M.9b Flysheet	10/12/22
A.150	29	M.9b Microwave Path Survey Report	10/12/22

A.151	1	M.10 Flysheet	10/12/22
A.152	2	M.10 Proposed Tower for Bull Run Filtration Facility Ice Hazards and Mitigation Measures	10/12/22
A.153	1	M.11 Flysheet	10/12/22
A.154	9	M.11 Proposed Bull Run Filtration Tower NIER Study	10/12/22
A.155	64	N.1 Resumes	10/12/22
A.156	1	O.1 Flysheet	10/12/22
A.157	31	O.1 Study Area Images	10/12/22
A.158	1	O.2 Flysheet	10/12/22
A.159	23	O.2a 2022-15566 Pre-Application Conference Notes	10/12/22
A.160	10	O.2b 2022-15566 PWB Bull Run Filtration Project Transportation Comments	10/12/22
A.161	1	O.3 Flysheet	10/12/22
A.162	122	O.3 Prior Land Use Decisions a. T3-2017-7661 – 28 pages b. T3-2019-11784 – 67 pages c. T3-2013-2935 – 17 pages d. T3-2019-11560 – 7 pages	10/12/22
A.163	15	Bull Run Filtration Land Use Completeness Response Narrative	1/27/23
A.164	4	Attachment E.1 Geologic Hazards Permits Narrative	1/27/23
A.165	8	Attachment K.1a Cathodic Protection Rectifiers Narrative (Revised, see Exhibit A.209)	1/27/23
A.166	3	Attachment A.1a Legal Lot Deed	1/27/23
A.167	2	Attachment A.1b Legal Lot Map	1/27/23
A.168	3	Attachment A.2a Contract 1971	1/27/23
A.169	2	Attachment A.2b Contract Assignment 1975	1/27/23
A.170	1	Attachment B.1 Resume Adam Jenkins PE INCE	1/27/23
A.171	1	Attachment B.1 Resume Justin Morgan INCE	1/27/23
A.172	14	Attachment B.1 Acoustic Baseline Measurement	1/27/23
A.173	1	B.1 Flysheet	1/27/23
A.174	1	C.1 Flysheet	1/27/23
A.175	9	Attachment C.1 Pre-Construction Ambient Sound Level Measurement	1/27/23
A.176	7	Attachment D.1 Antennae Data Sheets	1/27/23

A.177	2	Attachment D.2 Tower Drawing with Antennae	1/27/23
A.178	2	Attachment D.3 Tower Antennae Locations	1/27/23
A.179	1	E.2 Flysheet	1/27/23
A.180	55	Attachment E.2 Responses to County Comments on Geologic Hazards Permits	1/27/23
A.181	1	F.1 Flysheet	1/27/23
A.182	6	Attachment F.1 Landscape Drawing Sheets	1/27/23
A.183	3	Attachment G.2 Ancillary Building Drawing Sheets	1/27/23
A.184	2	Attachment G.3 Tower Area Drawing Sheet (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.185	3	Attachment H.1 Appurtenances and Grading Drawing Sheets (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.186	2	Attachment H.2a Intertie Yard Setbacks	1/27/23
A.187	2	Attachment H.2b Intertie Site Plan Drawing Sheet (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.188	2	Attachment H.2c Intertie Landscape Drawing Sheet (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.189	2	Attachment H.2d Intertie Model View Lusted Road (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.190	2	Attachment H.2e Intertie Model View Lusted Road (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.191	2	Attachment H.2f Intertie Model View Lusted Road (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.192	2	Attachment H.2g Intertie Model View Farm Road (<i>Revised, see Exhibit A.214</i>)	1/27/23
A.193	1	I.1 Flysheet	1/27/23
A.194	7	Attachment I.1 Pipeline SEC Drawing Sheets	1/27/23
A.195	2	Attachment I.2 Multnomah Connection Proposed Ground Disturbance	1/27/23
A.196	1	J.2 Flysheet	1/27/23
A.197	2	Attachment J.2a Stormwater Drainage Control Certificate Facility	1/27/23
A.198	2	Attachment J.2b Stormwater Drainage Control Certificate Intertie	1/27/23
A.199	2	Attachment J.2c Stormwater Drainage Control Certificate Pipelines	1/27/23

A.200	3	Attachment J.6 Existing Retaining Wall	1/27/23
A.201	26	Attachment J.7a Pipeline Drawing Sheets Site Plans (Revised, see Exhibit A.214)	1/27/23
A.202	7	Attachment J.7b Pipeline Drawing Sheets Architectural Plans	1/27/23
A.203	7	Attachment J.7c Pipeline Drawing Sheets Civil Plans	1/27/23
A.204	3	Attachment K.1b Agricultural Review of Cathodic Protection Rectifiers	1/27/23
A.205	1	K.3a Flysheet	1/27/23
A.206	8	Attachment K.3a Off-site Improvements Drawing Sheets	1/27/23
A.207	7	Attachment K.3b Off-site Grading and Paving Drawing Sheets	1/27/23
A.208	8	Attachment K.3c Off-site Roadway Plan and Profile Drawing Sheets	1/27/23
A.209	8	Revised Attachment K.1a Cathodic Protection Rectifiers Narrative_2.23.	2/24/23
A.210	2	Response to County questions - T3-2022-16220	2/24/23
A.211	1	A.1a Flysheet	3/20/23
A.212	42	Appendix A.1a Site Plans Cover Pages – pg 1 - 4 a. Cover Sheet – LU – 101 pg. 5 b. Vicinity and Zoning Map - LU-102 pg. 6 c. Existing Conditions Plan – LU- 301 pg. 7 d. Proposed Conditions Site Plan LU-302 pg. 8 e. Utility Plan LU-303 pg. 9 f. Grading Plan LU-304 pg. 10 g. Facility Circulation Map LU-305 pg. 11 h. Landscape Plan LU-306 pg. 12 i. Stormwater Management Plan – Filtration Facility LU-307 pg. 13 j. Facility Enlargement 1 LU-400 pg. 14 k. Facility Enlargement 2 LU-401 pg.15 l. Tower Area Enlargement 2 LU-402 pg. 16 m. Signs LU-403 pg. 17 n. Stormwater Planting LU-404 pg. 18 o. Roadway Typical Section LU-405 pg. 19 p. Roadway Typical Section-2 LU-406 pg. 20 q. Pond Section Details LU-407 pg. 21 r. Flow Control Maintenance Hole Details LU-408 pg. 22 s. Plant Species and Sizes LU-409 pg. 23 t. Planting Details LU-410 pg. 24 u. Storm Details 1 Gen-C-920 pg. 25 v. Storm Details 4 Gen-C-923 pg. 26	3/20/23

		w. Attachment B: Lighting Plans Cover Sheet pg. 27 x. Site Lighting Key Plan E-322 pg. 28 y. Lighting & Receptacle Plan – Grid 1 E-323 pg. 29 z. Lighting & Receptacle Plan – Grid 2 E-324 pg. 30 aa. Lighting & Receptacle Plan – Grid 3 E-325 pg. 31 bb. Lighting & Receptacle Plan – Grid 4 E-326 pg. 32 cc. Lighting & Receptacle Plan – Grid 5 E-327 pg. 33 dd. Lighting & Receptacle Plan – Grid 6 E-328 pg. 34 ee. Lighting & Receptacle Plan – Grid 7 E-329 pg. 35 ff. Lighting & Receptacle Plan – Grid 8 E-330 pg. 36 gg. Lighting & Receptacle Plan – Grid 9 E-331 pg. 37 hh. Lighting & Receptacle Plan – Grid 10 E-332 pg. 38 ii. Lighting & Receptacle Plan – Grid 11 E-333 pg. 39 jj. Lighting Schedule – 1 Gen-E-140 pg. 40 kk. Lighting Schedule – 2 Gen-E-141 pg. 41 ll. Lighting Schedule – 3 Gen E-142 pg. 42	
A.213	1	A.2a Flysheet	3/24/23
A.214	26	Appendix A.2a Site Plans Cover Pages – pg. 1-3 a. Cover Sheet LU-000 pg. 4 b. Key Map LU-001 pg. 5 c. Zoning Map LU-002 pg. 6 d. Raw Water Pipeline Existing Conditions Grid 1, 2, & 3 LU-100 pg. 7 e. Finished Water Pipeline Existing Conditions Grid 4 & 5 LU-102 pg. 8 f. Finished Water Pipeline Existing Conditions Grid 6 & 7 LU-103 pg. 9 g. Finished Water Pipeline Existing Conditions Grid 8 & 9 LU-104 pg. 10 h. Finished Water Pipeline Existing Conditions Grid 10 & 11 LU-105 pg. 11 i. Finished Water Pipeline Existing Conditions Grid 12 & 13 LU-106 pg. 12 j. Finished Water Pipeline Existing Conditions Grid 14 & 15 LU-107 pg. 13 k. Finished Water Pipeline Existing Conditions Grid 16 LU-108 pg. 14 l. Raw Water Pipeline Proposed Conditions Grid 1, 2 & 3 LU-200 pg. 15 m. Finished Water Pipeline Proposed Conditions Grid 4 & 5 LU-201 pg. 16 n. Finished Water Pipeline Proposed Conditions Grid 6 & 7 LU-202 pg. 17 o. Finished Water Pipeline Proposed Conditions Grid 8 & 9 LU-203 pg. 18 p. Finished Water Pipeline Proposed Conditions Grid 10 & 11 LU-204 pg. 19	3/24/23

		q. Finished Water Pipeline Proposed Conditions Grid 12 & 13 LU-205 pg. 20 r. Finished Water Pipeline Proposed Conditions Grid 14 & 15 LU-206 pg. 21 s. Finished Water Pipeline Proposed Conditions Grid 16 LU-207 pg. 22 t. Finished Water Intertie Typical Appurtenance LU-208 pg. 23 Finished Water Intertie Site Plan LU-500 pg. 24 Finished Water Intertie Landscape Plan LU-501 pg. 25 Finished Water Intertie Visualizations LU-502 pg. 26	
A.215	1	Bull Run Filtration Pipelines Stormwater Report Addendum	3/28/23
A.216	1	T3-2022-16220 3-24-23 Memo	3/28/23
A.217	32	1.C Communications Tower Conditional Use and Design Review Application Narrative April 2023	4/18/23
A.218	2	Email re Bldg. Permits for Lusted Hill Distribution Main	4/27/23
A.219	2	T3-2022-16220 4-28-23 Memo	5/1/23
A.220	1	T3-2022-16220 4-28-23 Certification of Water Service	5/1/23
A.221	1	T3-2022-16220 4-28-23 Location of Drain Fields on Raw Water Pipeline Properties	5/1/23
A.222	1	T3-2022-16220 5-3-23 Memo	5/4/23
A.223	1	T3-2022-16220 5-3-23 Tower Supplemental Attachment 1	5/4/23
A.224	1	T3-2022-16220 5-3-23 Tower Supplemental Attachment 2	5/4/23
A.225	4	T3-2022-16220 5-8-23 Response to Fire District 10 Comments	5/9/23
A.226	220	Appendix - Traffic Count Data	5/9/23
A.227	26	Bull Run Filtration Construction Traffic Impact Analysis	5/9/23
A.228	1	LRDM and SEC	6/2/23
A.229	1	LU-200 Symbology Clarification	6/2/23
A.230	386	Updated Construction Traffic Impact Analysis	6/2/23
'B'	#	Staff Exhibits	Date
B.1	1	1962 - 10.5.1977 Zoning 1S4E22	5/1/23
B.2	2	Zoning Districts ZO 1974-5-17	5/1/23
B.3	1	F2 Zone 1974-5-17	5/1/23
B.4	1	Current Tax Map 1S4E22D	5/1/23
B.5	1	Warranty Deed B1025 P516	5/1/23

B.6	3	Parcel Record Card for R994220930	5/1/23
B.7	9	T2-2010-1052 Decision	5/1/23
B.8	11	T2-2015-4092	5/1/23
B.9	1	Partition Plat 1991-111	5/1/23
B.10	1	Edgewater Subdivision Plat 1912	5/1/23
B.11	35	T3-06-003 Hearing Officer Decision	5/1/23
B.12	1	County Engineer Letter regarding Paving Exception	5/16/23
B.13	36	Transportation Planning Memorandum to Hearings Officer	6/14/23
B.14	1	Probability of Liquefaction Map	6/14/23
B.15	1	Earthquake Damage Potential Map	6/14/23
B.16	35	Revised Transportation Planning Memorandum	6/22/23
'C'	#	Procedural Exhibits	Date
C.1	6	T3-2022-16220 Incomplete Letter 11.10.2022	11/10/22
C.2	1	T3-2022-16220 Applicant Response Letter 11.15.2022	11/15/22
C.3	1	T3-2022-16220 Complete Letter 02.28.2023	2/28/23
C.4	5	T3-2022-16220 OTC 03.31.2023	3/31/23
C.5	24	T3-2022-16220 Public Hearing Notice mailed June 8, 2023 – 4 pages a. Oregonian Ad published June 9, 2023 – 2 pages b. Transportation Email regarding Posting of Signs in R.O.W. on June 15, 2023 – 11 pages c. Hearing Notice Mailing List – 5 pages d. Proof of Mailing of Hearing Notice – June 8, 2023 – 2 page	6/22/23
C.6	16	T3-2022-16220 Bull Run Filtration Notice Posting Exhibit	6/22/23
C.7	146	T3-2022-16220 Staff Report	6/22/23
'D'	#	Public Comments	Date
D.1	28	Fire District 10 Comments 1.03.2023	1/3/23
D.2	2	GBSD Email rec'd 3.3.23	3/3/23
D.3	1	GBSD PWB Water Treatment Plant Opposition Resolution SIGNED rec'd 3.3.23	3/3/23
D.4	1	Nerison Comment 3.6.23	3/6/23
D.5	2	Ekstrom Comment dated 3.14.23 rec 3.21.23	3/21/23
D.6	2	Surface Nursery - Farm Impacts Letter 4.4.23	4/4/23

D.7	1	Kost Comment 4.17.23	4/17/23
D.8	2	Swinford Comment 4.17.23	4/17/23
D.9	1	Allott Comment rec 4.21.23	4/21/23
D.10	1	Cottrell Community Planning Organization Comment rec 4.21.23	4/21/23
D.11	1	Cottrell CPO Email submitting Resolutions rec 4.21.23	4/21/23
D.12	1	Cottrell CPO Resolution rec 4.21.23	4/21/23
D.13	1	PHCA Comments - PWB water plant rec 4.21.23	4/21/23
D.14	1	PHCA Resolution rec 4.21.23	4/21/23
D.15	1	Gale – Bacon Comment rec 5.2.23	5/2/23
D.16	1	Gresham Fire and Emergency Services Comment rec 6.5.23	6/6/23
D.17	2	Oregon Health Authority Comment rec 6.12.23	6/12/23
D.18	1	Grahn Comment rec 6.12.23	6/12/23
D.19	1	Wilson Comment rec 6.12.23	6/12/23
D.20	3	Oregon Trail School District Comment rec 6.12.23	6/12/23
D.21	1	Jessen Comment rec 6.14.23	6/14/23
D.22	3	Oregon Trail School District Comment Addendum rec 6.14.23	6/14/23
D.23	1	Woodward Comment rec 6.19.23	6/20/23
‘E’	#	Exhibits Submitted Post Staff Report Issuance	Date
E.1	2	Jennifer Hart Written Testimony	6/26/23
E.2	1	Mathew Jessen Testimony	6/26/23
E.3	2	Jennifer Hart Testimony, Continued	6/27/23
E.4	5	Paul Lewis MD Testimony	6/27/23
E.5	1	Kaitlin Mulkey Testimony	6/27/23
E.6	5	Paul Lewis MD Testimony - Revised	6/27/23
E.7	1	Jim Riegelmann Testimony	6/28/23
E.8	1	Tammy Rickman, First Student Testimony	6/28/23
E.9	67	Charles Ciecko Testimony	6/28/23
E.10	39	Rural Fire Protection District #10 Supplemental Testimony	6/28/23
E.11	1	Voruz Testimony	6/28/23
E.12	1	Glynn Allott Testimony	6/28/23

E.13	1	Julie Allott Testimony	6/28/23
E.14	1	Grace Allott Testimony	6/28/23
E.15	3	Cindy Bennington Testimony	6/29/23
E.16	4	Park Testimony	6/29/23
E.17	15	Lauren Courter Land Use Testimony	6/29/23
E.18	2	Cris Courter Written Testimony	6/29/23
E.19	4	Ian Courter Land Use Statement	6/29/23
E.20	2	Suzanne Courter Written Testimony	6/29/23
E.21	7	T Carlson Project Geologist to Cottrell CPO Technical Memo	6/29/23
E.22	1	Dahl Testimony	6/29/23
E.23	2	J Coker Sandy Public Works Director Testimony	6/29/23
E.24	4	OR Department of Agriculture – James Johnson Testimony	6/29/23
E.25	2	Keathley Testimony	6/29/23
E.26	4	Dan Brink Testimony	6/29/23
E.27	1	M Person Testimony	6/29/23
E.28	2	LJ McFarlane Testimony	6/29/23
E.29	1	M Dahl Testimony	6/29/23
E.30	2	Gresham Barlow School District – K Howatt Testimony	6/29/23
E.31	2	Emily Hafer Testimony, Revised	6/29/23
E.32	4	C Waugh Testimony	6/29/23
E.33	1	Moldovanyl Testimony	6/29/23
E.34	1	Pool Testimony	6/29/23
E.35	1	Bartha Testimony	6/29/23
E.36	7	Shawn Nerison Testimony	6/29/23
E.37		Cottrell Community Planning Organization (CCPO) Submittal a. Diack Photos b. Oregon Trail Academy Photos – 4 pages c. Reynolds HS PM Traffic Photos – 4 pages d. Sandy High School PM Pickup Photos – 4 pages e. Community Opposition Petitions – 41 pages f. Bear and Cougar Photos g. Accident Dodge Park and Cottrell June 21, 2023	6/29/23

		h. Size of PWB Plant vs Largest Nurseries and Scenic Fruit Photo – 1 page i. Photo of Coyote Pups – 1 page j. Cottrell CPO Drone Footage – 19 pages k. Johnson Creek Headwaters Photos – 2 pages l. PWB Site Nature Photos – 7 pages m. Bear and Deer Photos – 2 pages n. East Orient School Photos – 6 pages o. Various Animal Photos – 7 pages p. OTA Photos – 2 pages q. Sam Barlow HS Photos – 9 pages r. Sandy HS Aerial Photos – 6 pages s. West Orient School Photos – 4 pages	
E.38	13	Cottrell Community Planning Organization (CCPO) Videos a. COTA Evening Walk Carpenter Lane Video b. Dangerous Detour Route Video c. Night Sky 34828 Carpenter Lane Video d. Night Sky RH Nursery Video e. Carpenter Lane Night Sky Video f. Refuting PWB Night Sky Report Video g. Traffic Dodge Park Video h. Carpenter Lane Widening Proposal COTA Video i. Carpenter Lane Widening Proposal Video j. Dodge Park Blvd Drone Video k. Culver COTA Video l. Culver COTA Video 2 m. 36014 SE Lusted Rd Elk Video dated April 2, 2023	6/29/23
'H'	#	Hearing Exhibits	Date
H.1	2	June 30 Memorandum to the Hearings Officer from Land Use Planning	6/30/23
H.2	19	Memorandum to the Hearings Officer from Pleasant Home Neighborhood Association Attorney Jeffrey Kleinman	6/30/23
H.3	128	Pre-Hearing Statement by the Applicant	6/30/23
H.4	11	Memorandum to the Hearings Officer from Cottrell Community Planning Organization Attorney Carrie Richter ❖ See attachments under Exhibits H.31 – H.33 below.	6/30/23
H.5	3	Memorandum to the Hearings Officer from Shelley Ekstrom	6/30/23
H.6	4	Memorandum to the Hearings Officer from Cindy Bennington	6/30/23
H.7	3	Written Testimony by Andrea Culver	6/30/23
H.8	23	Technical Memorandum to the Hearings Officer from Michael Ard	6/30/23

H.9	4	Memorandum to the Hearings Officer from Brent Leathers	6/30/23
H.10	3	Written Testimony by Terry Ciecko	6/30/23
H.11	6	Memorandum to the Hearings Officer by Andrew Mulkey, Staff Attorney for 1000 Friends of Oregon	6/30/23
H.12	25	Memorandum to the Hearings Officer by Paul Willis	6/30/23
H.13	2	Memorandum to the Hearings Officer by Lucia Willis	6/30/23
H.14	2	Written Testimony from Suzanne Courter	6/30/23
H.15	2	Written Testimony from John Edmondson	6/30/23
H.16	7	Written Testimony from Holly H. Martin	6/30/23
H.17	1	Pictures of Arrowheads and Tools provided by Christy McKenzie	6/30/23
H.18	2	Meyer Family Arrowhead Collection submitted by Lauren Courter	6/30/23
H.19	1	Map submitted by Charles Waugh	6/30/23
H.20	1	Meyer Family Arrowhead Collection submitted by Lauren Courter (pt. 2)	6/30/23
H.21	2	Written Testimony from Larry Bailey	6/30/23
H.22	2	Evidence from Paul Willis regarding Accident Dodge Park & Cottrell	6/30/23
H.22.a	8	Written Testimony from R&H Nursery Inc Owner Patrick Holt	6/30/23
H.22.b	1	Written Testimony from Julie Allot	6/30/23
H.22.c	1	Written Testimony from Mary Appelt	6/30/23
H.22.d	2	Written Testimony from Jeff & Mona Ayles	6/30/23
H.22.e	2	Written Testimony from Rick & Carol Bartha	6/30/23
H.22.f	5	Written Testimony from Laura Belson	6/30/23
H.23	2	Written Testimony from Kelsey Betsill	6/30/23
H.23.a	1	Written Testimony from Laura Beving	6/30/23
H.23.b	1	Written Testimony from Kathleen Box	6/30/23
H.23.c	3	Written Testimony from Dan Brink	6/30/23
H.23.d	1	Written Testimony from Jim & Theresa Bunting	6/30/23
H.23.e	1	Written Testimony from Terry Ciecko	6/30/23
H.23.f	1	Written Testimony from Oriah Columbres	6/30/23

H.23.g	2	Written Testimony from Angela Parker	6/30/23
H.23.h	2	Written Testimony from Kenneth & Patsy Carlson	6/30/23
H.23.i	1	Written Testimony from Cris Courter	6/30/23
H.23.j	1	Written Testimony from Lauren Courter	6/30/23
H.23.k	2	Written Testimony from Suzanne Courter	6/30/23
H.24	1	Written Testimony from Andrea Culver	6/30/23
H.24.a	1	Written Testimony from Braeden Culver	6/30/23
H.24.b	2	Written Testimony from Katrina Dawson	6/30/23
H.24.c	1	Written Testimony from Mike Dawson	6/30/23
H.24.d	4	Written Testimony from Samuel Diack	6/30/23
H.24.e	1	Written Testimony from Gloria Driscoll	6/30/23
H.24.f	1	Written Testimony from Ed Evans	6/30/23
H.24.g	1	Written Testimony from Patricia Fiedler	6/30/23
H.24.h	1	Written Testimony from Darren & Michelle Ford	6/30/23
H.24.i	1	Written Testimony from Amy Galasso	6/30/23
H.24.j	2.	Written Testimony from Robert Galasso, MD	6/30/23
H.24.k	1	Written Testimony from Penny Kay & Michael Haight	6/30/23
H.24.l	6	Written Testimony from Jennifer Hart	6/30/23
H.25	2	Written Testimony from Tom Newberry	6/30/23
H.25.a	1	Written Testimony from Kathleen Obrist	6/30/23
H.25.b	1	Written Testimony from Emily Hafer OR Trail Academy	6/30/23
H.25.c	3	Written Testimony from Jodi Riehl	6/30/23
H.25.d	1	Written Testimony from Victoria Hutfilz	6/30/23
H.25.e	1	Written Testimony from Sharon Jones	6/30/23
H.25.f	1	Written Testimony from Mike & Carol Kost	6/30/23
H.25.g	2	Written Testimony from The Kramers	6/30/23
H.26	1	Written Testimony from Debbie Layton	6/30/23
H.26.a	2	Written Testimony from Jamie Martin	6/30/23
H.26.b	2	Written Testimony from Doug and Pat Meyer	6/30/23
H.26.c	2	Written Testimony from Kaitlin Mulkey	6/30/23
H.26.d	1	Written Testimony from Jesse Nelson	6/30/23

H.26.e	3	Written Testimony from Leslie Newberry	6/30/23
H.27	3	Written Testimony from Diane Rolen	6/30/23
H.28	7	Written Testimony and Photos from David Shapiro	6/30/23
H.28.a	2	Written Testimony from Clackamas County Commissioner Mark Shull	6/30/23
H.28.b	1	Written Testimony from John Sieling	6/30/23
H.28.c	4	Written Testimony from Swinford	6/30/23
H.29	3	Written Testimony from Kristy McKenzie	6/30/23
H.30	4	Written Testimony from Charles Waugh	6/30/23
H.30.a	1	Written Testimony from Debra Westcott	6/30/23
H.30.b	1	Written Testimony from Deborah Wilson	6/30/23
H.31	8	Current Sound Measurements on Proposed Filtration Site dated June 25, 2023	6/30/23
H.32	21	Review of Archaeological Investigations for Carpenter Lane Project	6/30/23
H.32.a	4	Arden Meyer Interview dated 02/28/2023	6/30/23
H.32.b	5	Annell Carlson Interview dated 06/14/2023	6/30/23
H.33	2	Transcript of 4-13-23 Portland Water Bureau Work Session	6/30/23
H.34	7	Written Testimony from Holly Martin	6/30/23
H.35	5	Written Testimony from Brent Leathers	6/30/23
H.36	3	Written Testimony from Kyza Nelson	6/30/23
H.37	1	Request to Keep Record Open from OR Assoc of Nurseries	6/30/23
H.38	7	Written Testimony from Ryan Marjama, Don Marjama Nursery, Inc.	6/30/23
H.39	14	Written Testimony from David Shapiro	6/30/23
H.40	2	Rural Filtration Plants Comparison Data from CCPO	6/30/23
H.41	4	Written Testimony from Patricia Walter	6/30/23
H.42	31	Portland Water Bureau PowerPoint Presentation from the Public Hearing	6/30/23
I	#	Post Hearing Exhibits (New Evidence Period)	Date
I.1	1	Ekstrom Testimony	7/2/23
I.2.	30	Clackamas County Decision Z0036-23 Utility Facility in EFU (Emergency Access Road Decision)	7/5/23

I.3	2	CCPO Carpenter Lane (Traffic will get detoured through)	7/7/23
I.4	1	Written Testimony from Scott Eck	7/13/23
I.5	14	Email from Jodi Riehl – 1 page a. Testimony against PWB from Jodi Riehl given on June 30, 2023 – 2 pages b. Sodium Bisulphate Information – 2 pages c. Sodium Hypo No 5 Safety Data Sheet – 9 pages	7/16/23
I.6	5	Oregon’s Mt Hood Scenic Byway Addendum from Cindy Bennington – 1 pg. a. OR Scenic Byways Official Driving Guide Cover – 1 pg. b. Contents Page Mt. Hood Scenic Byway – 1 pg. c. Mt Hood Scenic Byway Page – 1 pg. d. Sandy to Troutdale Page – 1 pg.	7/21/23
I.7	4	Citizens for Peaceful Rural Living Video a. Additional Testimony in Opposition from Brent Leathers	7/27/23
I.8	3	Supplemental Testimony of Holly Martin	8/1/23
I.9	2	Bull Run Filtration Facility Fire Protection Strategy Letter from Gresham Fire Chief Scott Lewis	8/2/23
I.10	17	Multnomah Rural Fire Protection District No 10 Supplemental Testimony	8/3/23
I.11	47	Ekstrom Rebuttal to PWB Treatment Plant – 4 pages a. Pipeline Installation Effects on Soils & Plants – A Review & Quantitative Synthesis by Brehm & Culman – 28 pages b. FY 2019-20 Demand and Consumption Information Portland Water Bureau – 2 pages c. Pipeline Study Shows Soil Compaction and Crop Yield Impact in Construction Right-of-Ways – 3 pages d. Pipelines Keep Robbing the Land Long after the Bulldozers Leave _ Grist - 10 pages	8/3/23
I.12	5	Gresham Barlow School District Supplemental Testimony in Opposition	8/3/23
I.13	17	Oregon Association of Nurseries Written Testimony – 9 pages a. Address Locations of Nursery License Map – 1 page b. Location of Agriculture Operations Map – 1 page c. Relationships of Area Agriculture Land to Roads utilized in Proposed Traffic Analysis and to Proposed Development Sites Map – 1 page d. LCDC Approved Metro Area Designated Rural Reserves Map – 1 page e. OR Water Resource Dept Groundwater Restricted Areas Information– 4 pages	8/3/23

I.14	1	Attorney Z Powers Email for PWB regarding Water Bureau Clearwell at Filtration Facility	8/4/23
I.15	1	Mark Johnson Written Testimony	8/4/23
I.16	1	Kress Drew Written Testimony	8/4/23
I.17	1	Michael Cowan Written Testimony	8/5/23
I.18	1	Tammy Rickman Written Testimony	8/5/23
I.19	1	Patricia Fielder Written Testimony	8/5/23
I.20	1	Ken Smith submitted by Paul Willis	8/5/23
I.21	6	L Belson Testimony	8/5/23
I.22	19	L Belson Testimony – 6 pages a. Night Sky May 23 Pleasant Home Water Towers 1 Video b. Night Sky Carpenter Lane Site Looking North Video c. Night Sky Photos – 5 pgs d. Video Captions to the Record – 3 pgs e. Night Sky East C-Lane Video f. Photos Carpenter Ln – Detour and Night Sky – 5 pgs	8/6/23
I.23	1	William & Nick Meyers Written Testimony	8/6/23
I.24	6	Cindy Bennington Written Testimony	8/6/23
I.25	1	Cottrell CPO Testimony regarding Cultural & Archeological Resources	8/6/23
I.26	6	Cottrell CPO Traffic Conditions around Schools Testimony	8/6/23
I.27	2	Tanner & Macy Davis Written Testimony	8/6/23
I.28	2	Jennifer Hart Testimony re Hazardous Conditions & Retaining Wall	8/6/23
I.29	2	Black Gold Springs – J Hart Farm Impact Emergency Road Testimony	8/6/23
I.30	2	Kristen Markham Written Testimony	8/6/23
I.31	16	Surface Nursery Farmer Impact Statement – Shawn Nerison with Maps revised from June 29, 2023	8/6/23
I.32	3	Ron Roberts Written Testimony	8/6/23
I.33	2	Ronald Ruedi Written Testimony	8/6/23
I.34	3	Angela Parker, Hawk Haven Equine Written Testimony	8/6/23
I.35	11	Attorney Kleinman Written Testimony representing Pleasant Home Community Association	8/7/23
I.36	1	Sharon Jones Written Testimony	8/7/23
I.37	3	Pat Meyer Written Testimony	8/7/23

I.38	6	Hans Nelson & Sons Nursery Written Testimony	8/7/23
I.39	4	Cottrell CPO Sound Impacts Testimony	8/7/23
I.40	25	Cottrell CPO Written Testimony – 8 pgs. a. Appendix A: Portland Utility Board dated 7/27/17 – 5 pgs. b. Appendix B: Email regarding OHA Agreement – 5 pgs. c. Appendix C: Filtration Plant Site Alternatives – 4 pgs. d. Appendix D: City of Portland Wholesale Customers Statistics – 1 pg. e. Email submitting documents – 1 pg.	8/7/23
I.41	1	Leroy & Dorinda Grahn Written Testimony	8/7/23
I.42	4	Tami Wensenk Written Testimony	8/7/23
I.43	2	Brittany & Aaron Cory, Free Rein Stables Written Testimony	8/7/23
I.44	2	Les Poole Written Testimony	8/7/23
I.45	4	Memorandum to Hearings Officer from Land Use Planning	8/7/23
I.46	19	Ard Engineering PWB Mitigation Plan Review	8/7/23
I.47	8	Mona & Jeff Ayles Supplemental Testimony	8/7/23
I.48	7	Terry Ciecko Written Testimony	8/7/23
I.49	10	Suzanne Courter Written Testimony	8/7/23
I.50	5	TreeSource Response to Construction Farm Traffic Report	8/7/23
I.51	13	Surface Nursery Written Testimony regarding Exhibit H.3	8/7/23
I.52	4	Ken Carlson, Carlson Farms Written Testimony	8/7/23
I.53	3	R&H Nursery Written Testimony regarding PWB Construction	8/7/23
I.54	5	Emily Hafer, OR Trail Academy Written Testimony	8/7/23
I.55	6	Ian & Lauren Courter Written Testimony	8/7/23
I.56	9	Brent Leathers Supplement Testimony Truck Routes	8/7/23
Portland Water Bureau Submitted Exhibits			
I.57	42	Attachment 2: Water Filtration Facility Land Use Plans (Replaces Plans in Exhibit H.3)	8/7/23
I.58	2	Attachment 3: Supplemental Information for the Hazardous Materials Management Plan	8/7/23
I.59	30	Attachment 4: Hazardous Management Plan revision date 8.4.23	8/7/23
I.60	7	Attachment 5: Overflow Basin Overview	8/7/23

I.61	1	Attachment 6: Supplemental Information regarding Concrete Backfill in the Finished Water Pipelines	8/7/23
I.62	1	Attachment 7: Supplemental Information regarding Concrete in the Raw Water Pipeline Tunnel	8/7/23
I.63	3	Attachment 8: Supplemental Information regarding Existing Water Wells	8/7/23
I.64	12	Attachment 9: Effect of Raw Water Pipeline & Tunnels on the Local Water Wells	8/7/23
I.65	185	Attachment 10: Supplemental Geotechnical Information	8/7/23
I.66	52	Attachment 11: Supplemental Information regarding Expansive Soils	8/7/23
I.67	69	Attachment 12: Supplemental Information regarding Expansive Soils & Fat Clay	8/7/23
I.68	2	Attachment 13: Draft Exhibit G Legal Description for Permanent Access Easement	8/7/23
I.69	2	Attachment 14: Draft Exhibit Legal Description for a Temporary Access Easement	8/7/23
I.70	27	Attachment 15: Decision of the Hearings Officer for T3-2017-9259	8/7/23
I.71	70	Attachment 16: Decision of Hearings Officer for T3-2019-11405	8/7/23
I.72	67	Attachment 17: Decision of Hearing Officer for T3-2019-11784	8/7/23
I.73	28	Attachment 18: Notice of Hearings Officer Decision T2-2019-12701	8/7/23
I.74	5	Attachment 19: Filtration Facility Operations Supplemental Info	8/7/23
I.75	5	Attachment 20: Construction Supplemental Information	8/7/23
I.76	4	Attachment 21: Deed for Road Purposes	8/7/23
I.77	3	Attachment 22: Warranty Deed Instrument #2015-079565	8/7/23
I.78	1	Attachment 23: City of Fresno, CA vs Carollo	8/7/23
I.79	1	Attachment 24: Water Treatment Facility Construction	8/7/23
I.80	75	Attachment 25: Response to Public Comments Related to Farm Use Impacts in Multnomah County	8/7/23
I.81	5	Attachment 26: Response to Testimony of Agricultural Soils Impact	8/7/23

I.82	N/A	Attachment 27: Video of Truck driving on Existing Farm Road on Portland Water Bureau Property on Carpenter Lane	8/7/23
I.83	4	Attachment 28: Response to Select Testimony from Allan Felsot, WA State Univ. to Portland Water Bureau	8/7/23
I.84	30	Attachment 29: Response to Select Testimony from Dana Beckwith, Global Transportation Engineering on Transportation Impacts	8/7/23
I.85	8	Attachment 30: Pictures of Trucks on Roads, Private Property and Cars Parking on Private Property	8/7/23
I.86	21	Attachment 31: Water Filtration Facility Carpenter Lane One-Access Analysis Update to Construction TIA	8/7/23
I.87	3	Attachment 32: Supplemental Information about Chemical Safety	8/7/23
I.88	18	Attachment 33: Consultant Resumes	8/7/23
I.89	21	Attachment 34: Intergovernmental Agreement for Fire Services between Gresham and Fire District #10 - Unsigned	8/7/23
I.90	1	Attachment 35: Structural Fire Districts	8/7/23
I.91	67	Attachment 36: Fire Protection & Life Safety 3 rd Party Consulting Review	8/7/23
I.92	5	Attachment 37: Response to Exhibit E.21 concerning Stormwater Runoff to Beaver Creek	8/7/23
I.93	1	Attachment 38: Alternative Routes for Distribution to Avoid SEC-h Zone Letter dated July 31, 2023	8/7/23
I.94	5	Attachment 39: Climate Change Considerations in Design of Stormwater Management Systems Technical Memorandum	8/7/23
I.95	5	Attachment 40: Best Management Practices Proposed to Protect Aquatic Resources in Johnson Creek and Beaver Creek During Development and Operation of the Bull Run Water Pipeline and Filtration Facility	8/7/23
I.96	13	Attachment 41: Potential Wildlife Habitat Impacts from the Water Filtration Project and Measures for Avoidance and Mitigation	8/7/23
I.97	2	Attachment 42: SEC-H RW-01 Area (LU-601M) & SEC-H Lusted Hill Plan (LU-602M)	8/7/23
I.98	99	Attachment 43: Response to Paul Solimano, Willamette Cultural Resources Associates	8/7/23
I.99	47	Attachment 44: Stormwater Evidence Cover Memo	8/7/23

I.100	12	Attachment 45: Erosion Control Plans for Water Filtration Facility and Carpenter Lane (LU-501,	8/7/23
I.101	17	Attachment 46: Erosion & Sediment Control Plans for Pipeline Installations	8/7/23
I.102	26	Attachment 47: Finished Water Pipeline Erosion and Sediment Control Plans for Grids 8 – 16, Intertie Site	8/7/23
I.103	99	Attachment 48: Consultant Report 2022 Community Risk Assessment & Standards of Coverage for Gresham Fire	8/7/23
I.104	16	Verification of Date and Times of PWB Document Submittals	8/7/23
'J'	#	Rebuttal Period Exhibits	Date
J.1	3	Jim Johnson, Oregon Department of Agriculture Rebuttal Response	8/30/23
J.2	1	Patricia Fiedler Rebuttal Testimony	9/2/23
J.3	3	Angela Parker, Hawk Haven Rebuttal Testimony	9/5/23
J.4	36	Jennifer Hart Rebuttal Response to Exhibit I.80 – 7 pages a. Exhibit 1: Project Impact Assessment and Mitigation Summary Requirements for City-owned Lands in the Bull Run Closure Area – 24 pages b. Exhibit 2: Excerpt from: Technical Memorandum dated September 11, 2018 – 3 pages c. Exhibit 3: PWB Letter to Jennifer Hart dated September 30, 2021 – 1 page d. Email submitting Rebuttal Response – 1 page	9/5/23
J.5	3	Jennifer Hart Rebuttal Response to Exhibit I.81	9/5/23
J.6	4	Tammy Rickman, First Student Rebuttal Testimony	9/5/23
J.7	13	Charles Ciecko Rebuttal Testimony	9/5/23
J.8	3	Rod Park, Park's Nursery Rebuttal Testimony	9/5/23
J.9	11	Gresham Barlow School Board Rebuttal Testimony	9/5/23
J.10	5	Holly Martin Rebuttal Testimony	9/6/23
J.11	5	Holly Martin Amendment to Supplemental Testimony Provided in Exhibit I.8	9/6/23
J.12	5	Jeffrey Kleinman on behalf of Pleasant Home Community Association Rebuttal Testimony	9/6/23
J.13	6	Jesse Nelson, Hans Nelson & Sons Nursery Rebuttal Testimony	9/6/23
J.14	3	CCPO Response to Staff Report – Mult Code vs Plan	9/6/23

J.15	5	CCPO Rebuttal to I.91 David Stacy	9/6/23
J.16	41	CCPO Rebuttal to Exhibit A.35 Soil Restoration – 2 pages a. Soil Degradation and Crop Yield Declines Persist 5 Years after Pipeline Installation – 15 pages b. Evaluation of Pipeline Installation on Crop Productivity in Ohio – 3 pages c. Pipeline Installation Effects on Soils and Plants: A Review and Quantitative Synthesis – 15 pages d. Landowner Experiences with Natural Gas Pipeline Installations in Ohio – 6 pages	9/6/23
J.17	5	CCPO Rebuttal to Exhibit I.79 Comparable Facilities	9/6/23
J.18	4	CCPO Rebuttal to Exhibit I.98 Archeology – 1 page a. Credentials – 1 page b. Geovisions Letter – 2 pages	9/6/23
J.19	64	Impacts of PWB’s Proposed Filtration Plant on Johnson Creek and Neighboring Waterways prepared by CCPO – 36 pages a. Attachment A: Letter to EPA Office of Wastewater Management – 1 page b. Attachment B: Oregon DEQ Correspondence RE: 1200CA – 1 page c. Attachment C: PWB’s Admission of Adverse Effects – 3 pages d. Attachment D: Results of Biodiversity Query from ORBIC – 24 pages e. Attachment E: Author Bios – 3 pages	9/6/23
J.20	n/a	JC Report Dec-24-21-Pond.MOV submitted by CCPO	9/6/23
J.21	97	CCPO Rebuttal to Exhibits I.74, I.75 and I.82 -20 pages a. Appendix A: 10 Safety Tips for Workers in Water Treatment Plants – 3 pages b. Appendix B: Chlorine Mishap Sends 50 Water Treatment Workers to Hospital – 11 pages c. Appendix C: Hackers tampered with a Water Treatment Facility in Florida by Changing Chemical Levels – 23 pages d. Appendix D: Effects of Artificial Light on Bird Movement and Distribution: A Systematic Map – 28 pages e. Appendix E: Light Pollution Harms Wildlife and Ecosystems – 10 pages	9/6/23
J.22	4	Richard Carson, Sunshine Nursery Rebuttal to Exhibit I.80	9/6/23
J.23	165	MWH-Kiewit JV for Bull Run Filtration Facility Project Construction Procurement Report 00001428 submitted by CCPO	9/6/23
J.24	13	Verification of Date & Time of CCPO Submittals	9/6/23

J.25	n/a	Video 1.0 Large Trucks are Dangerous in Rural Areas submitted by CCPO	9/6/23
J.26	n/a	Video 2.0 Carpenter Lane is a Rural Residential LANE submitted by CCPO	9/6/23
J.27	n/a	Video 3.0 Large Trucks and Farm Traffic on Bluff Rd submitted by CCPO	9/6/23
J.28	n/a	Video 4.0 Large Trucks and Farm Traffic on Cottrell Rd SB at Bluff submitted by CCPO	9/6/23
J.29	n/a	Video 5.0 Character of the Area Carpenter Lane 6 September 2023 8 am submitted by CCPO	9/6/23
J.30	n/a	Video 6.0 Cottrell Rd with Truck then onto Carpenter Lane submitted by CCPO	9/6/23
J.31	10	Charles Waugh Explanatory Text of Videos & Testimony	9/6/23
J.32	2	Suzanne Courter Rebuttal to Exhibit I.80	9/6/23
J.33	4	Suzanne Courter Rebuttal Testimony for Character of the Area and Hazardous Conditions	9/6/23
J.34	5	Paul Solimano, Willamette Cultural Resources Associates response to HRA Letter Dated July 24, 2023	9/6/23
J.35	56	Attorney Carrie Richter representing CCPO Response to PWB Materials submitted on or before August 7, 2023	9/6/23
J.36	10	Michael Ard, Ard Engineering Rebuttal of Exhibits I.86 and I.84	9/6/23
J.37	26	Multnomah County Rural Fire Protection District 10, Board of Directors Rebuttal Testimony in Opposition	9/6/23
J.38	4	Lauren Courter, West Slope Farms Rebuttal Testimony to Exhibit I.80	9/6/23
J.39	9	Tom Newberry Rebuttal Testimony	9/6/23
J.40	3	Jim & Steve Ekstrom, Brandon Schmidt, Ekstrom & Schmidt Nursery Rebuttal Testimony to Exhibits I.83, I.80 and I.81	9/6/23
J.41	3	Andrea Culver Rebuttal Testimony to Exhibit I.80	9/6/23
J.42	4	Amalia Bruley General Rebuttal to PWB Conclusion regarding Character of the Area and Impacts to Farming Practices	9/6/23
J.43	26	Shawn Nerison, Surface Nursery & Other Nurseries Rebuttal to Various PWB Exhibits	9/6/23
J.44	20	Memorandum from Multnomah County Transportation to Hearings Officer regarding New Evidence Rebuttal	9/6/23

J.45	3	Memorandum from Multnomah County Land Use Planning to Hearings Officer regarding Cultural Resources	9/6/23
J.46	5	Residents of Carpenter Lane East of Cottrell Rebuttal Testimony in Relation to MCC 39.7515(A), (C), (D) and (E)	9/6/23
J.47	3	Various Farm Equipment Photographs from Residents of Carpenter Lane	9/6/23
J.48	n/a	Bicycles on Dodge Park 8-28-23 Video from Residents of Carpenter Lane	9/6/23
J.49	n/a	Bluff Rd Hazardous Condition Video from Residents of Carpenter Lane	9/6/23
J.50	1	Carpenter-Cottrell Intersection for Character of the Area Photograph from Residents of Carpenter Lane	9/6/23
J.51	n/a	Character of the Area Drive Typical Route 302 nd to Carpenter Lane Video from Residents of Carpenter Lane	9/6/23
J.52	n/a	Character of the Area Pedestrians on Carpenter Lane 8-30-23 Video from Residents of Carpenter Lane	9/6/23
J.53	n/a	Cottrell – Dangerous Alt Route Causes Delays Video from Residents of Carpenter Lane	9/6/23
J.54	n/a	Cottrell Tractor v. Dump Truck Video from Residents of Carpenter Lane	9/6/23
J.55	n/a	Dangerous Alt Route for Surface on Cottrell Video from Residents of Carpenter Lane	9/6/23
J.56	n/a	Dodge Park GPS maps detour to Carpenter Lane Video from Residents of Carpenter Lane	9/6/23
J.57	n/a	Dump Truck and Kids on Carpenter Lane Video from Residents of Carpenter Lane	9/6/23
J.58	n/a	Equipment on Low Boy Dodge Park Video from Residents of Carpenter Lane	9/6/23
J.59	n/a	Farm Traffic Cottrell Rd North ROW Tractor 8-28-23 Video from Residents of Carpenter Lane Video from Residents of Carpenter Lane	9/6/23
J.60	n/a	Farm Traffic Dodge Park Blvd 8-28-23 Video from Residents of Carpenter Lane	9/6/23
J.61	n/a	Farm Traffic June Dodge Park Video from Residents of Carpenter Lane Video from Residents of Carpenter Lane	9/6/23
J.62	n/a	Impatient Car Passes Dump Trucks Cottrell and Bluff Rd	9/6/23
J.63	n/a	Low Volume Months Misreported by Globalwise Video from Residents of Carpenter Lane	9/6/23

J.64	n/a	Main Site Route to Bluff Video from Residents of Carpenter Lane	9/6/23
J.65	n/a	MCC A and E Dodge Park Cottrell Intersection Concrete Retaining Walls Proposed Video from Residents of Carpenter Lane	9/6/23
J.66	n/a	Normal Route Carpenter to Dodge Park & Pleasant Home Video from Residents of Carpenter Lane	9/6/23
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J.67	1	Facility Septic and Steep Slopes Supplemental Information	9/6/23
J.68	2	Wolfe Land PE GE Peng Resume	9/6/23
J.69	2	Facility Operational Noise Response	9/6/23
J.70	8	Impacts of Lighting at Filtration Facility	9/6/23
J.71	3	Odor Considerations Supplemental Information	9/6/23
J.72	12	School Locations and Access Overview	9/6/23
J.73	1	Outreach and Involvement with Area Schools	9/6/23
J.74	4	Legislative History of Development Definition	9/6/23
J.75	5	Wildlife Habitat Topics	9/6/23
J.76	2	Heritage Research Associates Response to Select Testimony	9/6/23
J.77	6	Dr Mengel Response to Select Testimony	9/6/23
J.78	11	Dr Felsot Response to Select Testimony – 3 pages a. Attachments Cover Sheet – 1 page b. Restrictions to Protect Workers After Pesticide Applications – 3 pages Fishguts! c. DCBS Oregon Occupational Safety and Health Division – Chapter 437 Division 4 Agriculture – 4 pages	9/6/23
J.79	4	Performance Based Fire Protection Engineering Response to Additional Testimony	9/6/23
J.80	1	Programmatic Environmental Assessment Adequacy	9/6/23
J.81	7	Dust Management Supplemental Information	9/6/23
J.82	5	Acoustics and Nighttime Generator Sound Levels	9/6/23
J.83	2	Temporary Fire Suppression Supplemental Information	9/6/23
J.84	37	Construction Compatibility with Farm Traffic Report (re-submitted)	9/6/23
J.85	4	Construction Transportation Demand Management Plan Update	9/6/23

J.86	58	Globalwise Response to Additional Testimony	9/6/23
J.87	50	Globalwise Transportation Traffic Responses to Specific Testimony	9/6/23
J.88	25	Globalwise Response to Testimony Related to Cumulative Farm Impacts	9/6/23
J.89	14	Truck Turning Paths at Multnomah County Intersections	9/6/23
J.90	2	Carpenter Lane Trees	9/6/23
J.91	4	Verification of Date & Time of PWB Submittals	9/6/23
Additional Testimony Submitted			
J.92	9	Cindy Bennington Rebuttal Testimony	9/7/23
J.93	n/a	PWBPOWtrees Video from Cindy Bennington	9/7/23
'K'	#	Post Rebuttal Period	Date
K.1	1	Extension of Final Argument Time Period	9/8/23
K.2	1	Extension of 150-Day Deadline	9/8/23
K.3	1	Hearings Officer Rappleyea's Acceptance of Bennington's 9.7.23 Testimony	9/10/23
'L'	#	Final Argument Period	Date
L.1	307	Applicant's Final Written Argument Under ORS 197.763(6)(e) T2-7/5/2024	9/28/23
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M.4	37	Joint Petition for Review (OAN-MCFB)	7/5/2024
M.5	68	1000 Friends of Oregon's Petition for Review	7/5/2024
M.6	69	1000 Friends of Oregon's Corrected Petition for Review	7/5/2024
M.7	68	Pleasant Home & Angela Parker Petition for Review	7/5/2024
M.8	53	MCFD10 Petition for Review with Appendix	7/5/2024
M.9	54	Cottrell CPO Petition for Review	7/5/2024
M.10	81	Respondent MC's Consolidated Response Brief	8/16/2024

M.11	62	PWB Response to Cottrell et al	8/16/2024
M.12	46	PWB Response to Gresham Barlow School District 10J	8/16/2024
M.13	60	PWB Response to MC Rural Fire Protection	8/16/2024
M.14	60	PWB Response to Oregon Ass. of Nurseries and MC Farm Bureau	8/16/2024
M.15	66	PWB Response to Pleasant Home Community Association	8/16/2024
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M.17	406	Petitioners and Intervenor-Petitioners Joint Appendix	8/16/2024
M.18	382	Respondent and Intervenor -Respondent Joint Appendix	8/16/2024
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M.20	13	Petitioner's Reply Brief	9/6/2024
M.21	13	MCRFD10 Reply Brief	9/6/2024
M.22	10	1000 Friends of Oregon's Reply Brief	9/6/2024
M.23	9	1000 Friends of Oregon Corrected Reply Brief	9/9/2024
M.24	11	Gresham-Barlow School District Reply Brief	9/6/2024
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'N'	#	Pre-Remand Submissions	Date
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N.2	2	Letter to Hearings Officer re: Remand Procedures	3/24/2025
N.3	6	Notice of Public Hearing - Remand	3/25/2025
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N.5	3	Gresham-Barlow School District Comments	4/1/2025
N.6	2	Cris Courter Comments	4/1/2025
N.7	8	Remand Staff Report	4/2/2025
N.8	1	Susan Swinford Comments	4/3/2025
N.9	7	Oregon Association of Nurseries Comments	4/4/2025
N.10	7	Guy Meacham Comments	4/11/2025
N.11	1	Taylor Alexander Comments	4/12/2025
N.12	3	Jennifer Hart Comments	4/13/2025
N.13	1	Patricia Fiedler Comments	4/13/2025
N.14	4	Jennifer Hart Comments & Videos a. Jennifer Hart Video 2d	4/14/2025

		b. Jennifer Hart Video 3a c. Jennifer Hart Video 3b	
N.15	1	Patsy & Ken Carlson Comments	4/14/2025
N.16	4	1000 Friends of Oregon Comments	4/14/2025
N.17	3	East Mult. Soil & Water Conservation District Comments	4/14/2025
N.18	7	Mike & Carol Kost Comments	4/14/2025
N.19	3	Scott & Natalie Voruz Comments	4/14/2025
N.20	2	Michael Harrison, OHSU Comments	4/14/2025
N.21	1	Benjamin Asher Comments	4/14/2025
N.22	1	Carolyn Eckel Comments	4/14/2025
N.23	1	Yehudah Alan Winter Comments	4/14/2025
N.24	4	Laura Belson Comments	4/14/2025
N.25	1	Marna Herrington Comments	4/14/2025
N.26	5	Mike and Tori Skelton Comments	4/14/2025
N.27	1	Perry Howard Comments	4/14/2025
N.28	6	Jennifer Hart Comments	4/15/2025
N.29	1	Kelsey Grout Comments	4/15/2025
N.30	1	Ann Howard Comments	4/15/2025
N.31	5	David Shapiro Comments	4/15/2025
N.32	1	Mary Silfven Comments	4/15/2025
N.33	4	Suzanne Courter Comments	4/15/2025
N.34	3	Jesse Nelson Comments	4/15/2025
N.35	1	Susan Schradle Comments	4/15/2025
N.36	1	David Tetrack Comments	4/15/2025
N.37	1	Reeder Rice Comments	4/15/2025
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N.39	1	Sharon Nobbe Comments	4/15/2025
N.40	1	Kathleen Bauer Comments	4/15/2025
N.41	8	Jennifer Hart Comments	4/15/2025
N.42	3	Cindy Bennington Comments	4/15/2025
N.43	78	Cottrell CPO & PHCA Adverse Effects of PWB's Proposed Water Treatment Plant	4/15/2025

N.44	1	Kathy Pickle Comments	4/15/2025
N.45	5	Paul Willis Comments	4/15/2025
N.46	4	Cindy Bennington Comments #2	4/15/2025
N.47	2	Andy & Shannon Gale Comments	4/15/2025
N.48	21	Charles Ciecko Comments	4/15/2025
N.49	4	Bill & Nicki Meyers Comments	4/15/2025
N.50	3	Larry Bailey, Multnomah County Farm Bureau Comments	4/15/2025
N.51	3	Angela Bailey, Oregon Farm Bureau	4/15/2025
N.52	4	Pat Meyer Comments	4/15/2025
N.53	6	Anthony Kinen Comments	4/15/2025
N.54	7	Applicant's Pre-Hearing Statement	4/15/2025
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N.56	78	PWB Filtration Facility Project Wildlife Habitat Impact Analysis (Applicant)	4/15/2025
N.57	3	Bull Run Filtration Project – Wetland Evaluation (Applicant)	4/15/2025
N.58	668	Filtration Facility Site Stormwater Drainage Report (Applicant)	4/15/2025
N.59	9	Stormwater Flow Spreader and Vegetated Slope (Applicant)	4/15/2025
N.60	43	Filtration Facility Site and Lighting Plans (Applicant)	4/15/2025
N.61	25	PWB Operational Air Quality Analysis (Applicant)	4/15/2025
N.62	4	Effect of Development Related to Migration of Contaminated Soil (Applicant)	4/15/2025
N.63	6	Agricultural Resources Review with References to Adverse Impacts (Applicant)	4/15/2025
N.64	35	Pre-Construction Condition Supplemental Information (Applicant)	4/15/2025
N.65	28	Other Documents (Applicant)	4/15/2025
N.66	24	Resumes (Applicant)	4/15/2025
N.67	1	Rachel Levy Comments 2:16 pm	4/15/2025
N.68	1	Craig Trimble Comments 3:53 pm	4/15/2025
N.69	8	Carrie Richter, Cottrell CPO Comments 6:45 pm	4/15/2025
N.70	1	Margaret Collins Comments 8:21 pm	4/15/2025

'R'	#	Remand Hearing Exhibits	Date
R.1	18	Portland Water Bureau PowerPoint Presentation	4/16/2025
R.2	18	Holly Martin Written Testimony	4/16/2025
R.3	1	Project Site Photograph provided by Cottrell Neighborhood Association	4/16/2025
R.4	N/A	David Shapiro Video Evidence	4/16/2025
R.5	2	Photographs Submitted by Katie Brown	4/16/2025
R.6	19	Mona Ayles Written Testimony	4/16/2025
R.7	2	Rob Park Written Testimony	4/16/2025
R.8	1	Sam Whitehead Comments	4/16/2025
R.9	3	AJ Thorne, Public Works Director, City of Sandy Comments	4/16/2025
R.10	1	Ashley Rood Comments	4/16/2025
R.11	882	Jeff Knapp Comments (7 pages) <ul style="list-style-type: none"> a. PWB Filtration Plant Key Decisions and Process dated August 31, 2018 (Pages 1 – 400) b. PWB Filtration Plant Key Decisions, Cont. (Pages 401 – 775) 	4/16/2025
R.12	1	Suzanne Courter Comments	4/16/2025
R.13	1	Andrea Culver Comments	4/16/2025
R.14	2	Randall Friesen, Columbia Pacific Building & Construction Trades Council Letter	4/16/2025
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S.1	2	Hearings Officer Deadline Letter	4/17/2025
S.2	1	David Shapiro Comments	4/17/2025
S.3	1	Amy Houchen Comments	4/17/2025
S.4	1	Wesley Ward Comments 9:41 am	4/18/2025
S.5	5	Guy Meacham 10:22 am	4/18/2025
S.6	3	John & Janet Edmondson Comments	4/21/2025

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