Received by FAX

ENVIRONMENTAL HEARINGS OFFICE

POLLUTION CONTROL HEARINGS BOARD FOR THE STATE OF WASHINGTON

AIRPORT COMMUNITIES COALITION,

Appellant,

No. PCHB 01-160

v.

1.

RESPONDENT PORT OF SEATTLE'S LIST OF WITNESSES AND EXHIBITS

DEPARTMENT OF ECOLOGY and THE PORT OF SEATTLE,

Paul Agid

Port of Seattle

Respondents.

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Pursuant to the Board's Prehearing Order, respondent Port of Seattle identifies the following list of witnesses that it may call and exhibits that it may introduce at the hearing on the merits.

15

I. WITNESSES

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Respondent Port of Seattle ("Port") submits the following list of potential witnesses who may be called at the hearing in this matter:

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James C. Kelley, Ph.D. 2. Parametrix, Inc. 5808 Lake Washington Blvd. NE, Suite 200 Kirkland, WA 98033-7350

Aviation Project Management Group

17900 International Blvd., Suite 301

William Stubblefield 3. **ENSR Toxicology** 4303 West LaPorte Avenue Ft. Collins, CO 80521

SeaTac, WA 98188

ORIGINAL

PORT OF SEATTLE'S WITNESS AND EXHIBIT LIST - 1

FOSTER PEPPER & SHEFELMAN PLLC 1111 THIRD AVENUE, SUITE 3400 SEATTLE, WASHINGTON 98101-3299 206-447-4400

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- 1		
1	.4	Donald E. Weitlramm, Dh. D.
2	4.	Donald E. Weitkamp, Ph.D. Parametrix, Inc.
3		5808 Lake Washington Blvd. NE, Suite 200 Kirkland, WA 98033-7350
4	5.	Paul S. Fendt, P.E. Parametrix, Inc.
5		5808 Lake Washington Boulevard Northeast Kirkland, Washington 98033
6		,
7	6.	Michael Bailey, P.E. Hart Crowser, Inc. 1910 Fairview Ave. E.
8		Seattle, WA 98102-3699
9	7.	Keith R Smith Water Resources Manager
10		Port of Seattle 17900 International Blvd., Suite 402
11		SeaTac, WA 98188-4236
12	8.	Elizabeth Leavitt Port of Seattle
13		17900 International Blvd. Seattle, WA 98188
14	0	·
15	9.	Michael Cheyne Port of Seattle
16		Aviation Project Management Group 1006 S. 170th Street
17		P.O. Box 68727 Seattle, Washington 98168
18	10.	Elizabeth Clark 15505 63 rd St. Ct. East
19		Sumner, WA 98390
20	11.	John Strunk Associated Earth Sciences Inc.
21		179 Madrona Lane N. Bainbridge Island, WA 98110
22		
23	12.	Joseph Brascher Aqua Terra Consultants Olympia, Washington
24	10	
25	13.	Charles Ellingson Pacific Groundwater Group 2377 Eastlake Avenue E.
26		Seattle, WA 98102

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- 14. Jan Cassin, Ph.D.Parametrix, Inc.5808 Lake Washington Blvd. NEKirkland, Washington 98033
- 15. Charles Wisdom, Ph.D.Parametrix, Inc.5808 Lake Washington Blvd. NEKirkland, Washington 98033
- Mike RileyS.S. Papadolpolous & Associates, Inc.222 Kenyon Street, N.W.Olympia, WA 98502
- 17. Linn Gould Erda Environmental 2015 14th Avenue East Seattle, WA 98112
- 18. Steve Swenson
 R.W. Beck, Inc.
 1001 4th Avenue, Suite 2500
 Seattle, WA 98104

In addition, the Port reserves the right to call any witness presented at the hearing by appellant Airport Communities Coalition or by respondent Department of Ecology. The Port also reserves the right to call additional witnesses necessary to rebut evidence introduced by ACC at the hearing on the merits in its case in chief.

II. EXHIBITS

The Port designates the following documents as potential exhibits that may be introduced as exhibits at the hearing in this matter in the Port's case in chief. In addition to the documents listed below, the Port also designates all documents designated either by the Airport Communities Coalition or by respondent Department of Ecology. The Port reserves the right to designate additional exhibits in order to rebut issues and evidence raised by ACC or for the purpose of impeachment of ACC's witnesses, or to rebut opinions and testimony of which the Port has not been informed to date through this proceeding or through discovery. Finally, the Port may use

PORT OF SEATTLE'S WITNESS AND EXHIBIT LIST - 3

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demonstrative exhibits to illustrate witness' testimony and will produce copies of any demonstratives to counsel for both ACC and Ecology as soon as is practicable after those exhibits have been prepared.

4		From	Exhibit Summary	Date
5	1.	State of Nevada	Nevada Revised Statutes 48.533.437	
6	2.	Parametrix	Professional Resume of Paul S. Fendt, P.E.	
7	3.	Parametrix	Data re 7-Day Low Flow Occurrences in Des Moines Creek, Walker Creek and Miller Creek 1949 – 1995.	
8 9	4.	E. Clark	Professional Resume of Elizabeth Clark, P.E.	
10	5.	E. Clark	Final - Third Runway Soil Fill Quality Criteria.	
11	6.	E. Clark	1999 Airfield Project Soil Fill Acceptance Criteria.	
12	7.	J. Strunk	Professional Resume of John J. Strunk, Associate Geologist.	
13	8.	L. Gould	Professional Resume of C. Linn Gould, Risk Assessment Task Manager and Soil Scientist	
14	9.	Aqua Terra	Professional Resume of Joseph T. Brascher, Hydrologist.	
15	10.	Parametrix	Professional Resume of James C. Kelley, Ph.D.	
16	11.	Parametrix	Wetland Acreage Impacts by Wetland Function.	
17	12.	Parametrix	Summary of Mitigation Actions Taken to Avoid and Minimize Wetland Impacts	
18 19	13.	Parametrix	Summary of Wetland Mitigation Credit for Seattle-Tacoma International Airport Master Plan Update Improvements.	
20	14.	Parametrix	Summary of Compensatory Mitigation (On and Off Site) for	
21			Watershed, Wetland, and Stream Impacts at Seattle-Tacoma International Airport.	
22	15.	Parametrix	Comparison of Mitigation Projects to the Society of Wetland Scientist's Definition of Wetland Restoration.	
23	16	Parametrix	Wetland Acreage Impacts and Mitigation by Wetland Function.	
24		Parametrix	Map of Restrictive Covenants on South End of Seattle-Tacoma	
25	17.	1 muniouix	International Airport – Tyee Valley Golf Course Mitigation Area and Des Moines Creek Mitigation Area.	
26			The mid 200 money Crock minguion men.	

PORT OF SEATTLE'S WITNESS AND EXHIBIT LIST - 4

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1 2	30.		Tacoma, Washington. 1:125,000 topographic map (30' minute map)	1900 edition, reprinted
			• *	1924
3	31.		Des Moines, Washington 1:24,000 topographic map (7.5' minute map)	1949 edition
			mate map)	
5	32.	Sinley, J.R. and	The effects of zinc on rainbow trout (Salmo gairdneri) in hard	1974
6		J.P. Ğoettl, Jr.	and soft water. Bull. Environ. Contam. Toxicol. 12(2):193-201	
7				
8	33.	U.S. EPA (Chapman,	Toxicity of copper, cadmium, and zinc to Pacific northwest salmonids. Interim Report	1975
9		G.A.)		
10	34.		Effects of exposure to heavy metals on selected freshwater fish. Toxicity of copper, cadmium, chromium and lead to eggs and	1976
11		Buxton, K.J. Macek, and	fry of seven fish species. Office of Research and Development, U.S. Environmental Protection Agency, Duluth, Minnesota.	
12		S.R. Petrocelli)	EPA-600/3-76-105	
13	35.	Holcombe, G.W., D.A.	Long-term effects of lead exposure on three generations of brook trout (Salvelinus fontinalis). J. Fish. Res. Board Can.	1976
14		Benoit, E.N. Leonard, and J.M. McKim	33:1731-1741	
15		J.M. MCKIII		
16	36.	Davies, P.H., J.P. Goettl, Jr., J.R. Sinley, and	Acute and chronic toxicity of lead to rainbow trout Salmo gairdneri, in hard and soft water. Water Res. 10: 199-206	1976
17		N.F. Smith		
18	37.	Lind, D., K.	Regional copper-nickel study; aquatic toxicology study.	1978
19		Alto, and S. Chatterton	Unpublished report by Minnesota Environmental Quality Board. Minnesota	
20	38.	McKim, J.M.,	Metal toxicity to embryos and larvae of eight species of	1978
21		J.G. Eaton, and G.W.	freshwater fish. II. Copper. Bull. Environ. Contam. Toxicol. 19:608-616	
22		Holcombe		
23	39.	Holcombe, G.W., D.A.	Long-term effects of zinc exposures on brook trout (Salvelinus fontinalis). Trans. Am. Fish. Soc. 108:76-87	1979
24		Benoit, and E.N. Leonard	•	
25		Z.I. I. ZVOIIGIG		
26				

1 2	40.	Farmer, G.J, D. Ashfield, and	Effects of zinc on juvenile Atlantic salmon Salmo salar: acute toxicity, food intake, growth and bioaccumulation. Environ.	1979
		H.S. Samant	Pollut. 19:103-117	
3	41.	METRO (D.	Toxicants in urban runoff, METRO toxicant program, report #2.	1982
4		Galvin and R. Moore)	USEPA Grab #P-000161-01. Lacey, Washington	
5	42	Cairns, M.A.,	Use of fish ventilation frequency to estimate chronically safe	1982
6	72.	R.R. Garton, and R.A. Tubb	concentrations. Trans. Amer. Fish. Soc. 111:70-77	1702
7	43.	U.S. EPA	Guidelines for deriving site-specific water quality criteria.	1983
8		0,0,	Chapter 4. In: Water Quality Standards Handbook	1300
9				
10	44.	U.S. EPA	Guidelines for Deriving Numerical Aquatic Site-Specific Water Quality Criteria by Modifying National Criteria.	1984
11			EPA/600/3/84/099	
12	45.	U.S. EPA	Ambient aquatic life water quality criteria for lead. Office of Water, Regulations and Standards, Criteria and Standards	1985
13			Division	
14	46.	U.S. EPA	Ambient aquatic life water quality criteria for copper. Office of Water, Regulations and Standards, Criteria and Standards	1985
15			Division	
16	47.	Stephan, C.E., D.I. Mount,	Guidelines for deriving numerical national water quality criteria for the protection of aquatic organisms and their uses. U.S.	1985
17		D.J. Hansen, J.H. Gentile,	Environmental Protection Agency, Office of Research and Development. PB85-227049	
18		G.A. Chapman, and W.A.	•	
19		Brungs		
20	· 48.		Development and validation of site-specific water quality criteria for copper. Environ. Toxicol. Chem. 5:997-1012	1986
21		D. Hammermeister	**	
22				
23	49.	Phillips, D.J.H. and P.S. Rainbow	Strategies of trace metal sequestration in aquatic organisms. Mar. Environ. Res. 28:207-210	1989
24		Kalliuuw		
25	50.		Memorandum of Agreement Between Department of the Army and U.S. EPA on Clean Water Act §404(b)(1) Guidelines	02/06/90
26				
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1	51.	Hartwell, S.I.,	Toxicity of aircraft de-icer and anti-icer solutions to aquatic	1993
2		D.M. Jordahl, J.E. Evans, and	organisms. Maryland Department of Natural Resources,	1330
3		E.B. May		
4 5	52.	U.S. EPA	Interim guidance on determination and use of water-effect ratios for metals. Appendix L of the Water Quality Standards Handbook: Second Edition. EPA/823/B94/005a	1994
6	53	Fisher, D.J.	Investigation of the impact of whole effluent toxicity of storm	1994
7		1101101, 2101	water to aquatic life.WREC-94-DI.Final Report. Maryland Department of Environment, Baltimore, MD	1774
8	54.	Hartwell, S.I.,	Toxicity of aircraft de-icer and anti-icer solutions to aquatic	1995
9		D.M. Jordahl, J.E. Evans, and	organisms. Environmental Toxicity and Chemistry, 14(8): 1375-1386	
10		E.B. May		
11	55.	Fisher, D.J., M.H. Knott,	The acute whole effluent toxicity of storm water from an international airport. Environmental Toxicity and Chemistry,	1995
12		S.T. Turley, B.S. Turley,	14(8): 1103-1111	
13		L.T. Yonkos, and G.P.		
14		Zeigler		
15	56.	Allen, H.E. and D.J. Hansen	The importance of trace metal speciation to water quality criteria. Water Environment Research. 68(1):42-54.	1996
16	57	Dowl of Cookilo	Due A Destriction and Control Control of Con	00/00/00
17 18	37.	Port of Seattle	Draft Restrictive covenants for Mitigation Sites for STIA Master Plan Improvements 1. Miller Creek Buffer Area 2. Miller Creek/Lake Lora Wetland 3. Des Moines Creek Buffer Area 4.	08/00/98
			Auburn Wetland Mitigation Site.	
19	58.	PSRC	PSRC Resolution A-93-03.	1993
20	59.	U.S. EPA	Methods for measuring the acute toxicity of effluents and receiving water freshwater and marine organisms. EPA/600/4-	Aug. 1993
21			90/027F	
22	60.	PSRC	PSRC Executive Board Resolution EB 94-01.	1994
23	61.	Parametrix	Watershed Determinants of Ecosystem Functioning by Horner and Booth.	1996
24	<i>(</i> 2	DCD C		1006
25		PSRC	PSRC Resolution A-96-02.	1996
26	63.	Corps of	Corps of Engineers Regulatory Guidance Letter No. 87-03	04/14/87

- 1				
1		Engineers	Subject: Section 401 Water Quality Certification.	
2	64.	Port of Seattle	Determination of Non-Significance for Soils Relocation Project.	01/01/91
3	65.	PSRC and Port of Seattle.	The Flight Plan Project Final Report and Technical Appendices (including draft programmatic environmental impact statement).	Jan. 1992
5	66.	PSRC and Port of Seattle	The Flight Plan Project Final Environmental Impact Statement.	Oct. 1992
6	67.	Paulson, C., G. Amy	Regulating Metal Toxicity in Stormwater. Water Environment & Technology	July 1993
7 8	68.	PSRC	Findings, Conclusions and Decision of PSRC Hearing Examiner Campbell Kintz.	02/01/93
9	69.	Ward, T	Comparative acute toxicity to Type I and Type II Deicing and Anti-icing fluids to freshwater and marine fish, invertebrates,	1994
10			and algae. Prepared for ARCO Chemical Company	
11	70.	ATA (Air Transport Association)	ATA Workshop on Environmental Implications of Aircraft Deicing	Feb. 1994
13	71.	Department of Ecology	Ecology Publication #94-115 – Natural Background Soil Metals Concentrations in Washington State.	Oct. 1994
14 15	72.	Beak Consultants	Chemical Substances Testing Final Study Reports. Prepared for Miller Thomson, Barristers and Solicitors	1995
16	73.	PSRC	Major Supplemental Airport Feasibility Study.	03/23/95
17	74.		Industrial waste system and treatment plant final report	Dec. 1995
18		and Symonds Consulting Engineers		
19		•		
20	75.	FAA	FAA Capacity Enhancement and Update Study.	July 1995
21	76.	Hockett, J.R. and Mount, D.R.	Use of Metal Chelating Agents to Differentiate among Sources of Acute Aquatic Toxicity. Environ. Toxicol. Chem. 15 (10):	1996
22			1687-1693	
23	77.	ACC	Interlocal Agreement, Airport Communities Coalition.	Jan. 1996
24	78.	Port of Seattle and FAA	Final Environmental Impact Statement – Master Plan Update Development Actions at Seattle-Tacoma International Airport (all volumes and appendices).	Feb. 1996
25	- 0	D		
26	79.	Port of Seattle	Port of Seattle Resolution 3211	02/08/96

1				
2	80.	R., M. ASCE,	Watershed determinants of ecosystem functioning. Proceedings of an Engineering Foundation Conference	May 1996
3		Derek B. Booth, Amanda		
4		Azous, and Christopher W.		
5	0.1	May		
6	81.	HNTB	Final Draft Fill Material Alternative Delivery Method Study for Third Runway, Phase I	Nov. 1996
7	82.	Port of Seattle	Port of Seattle Resolution 3212 As Amended (with all attachments and technical appendices).	08/01/96
8 9	83.	Port of Seattle	JARPA Application for Proposed Master Plan Update Improvements at Seattle-Tacoma International Airport (and as subsequently revised).	Dec. 1996
10	84	Port of Seattle	Port background of approval of MPU and EIS to accompany	12/18/96
11	0-7.	1 of to Scattle	JARPA Application. [Attachments A-E]	12/16/90
12	85.	Port of Seattle	JARPA Application Form	12/19/96
13	86.	Diamond, J.M., C. Gerardi, E.	Using a water-effect-ratio approach to establish effects of an effluent-influenced stream on copper toxicity to the fathead	1997
14		Leppo, and T. Miorelli	minnow. Environ. Toxicol. Chem. 7:1480-1487	
15 16	87.	Corps of Engineers	Letter to Port of Seattle re: Corps of Engineers is in agreement with the wetland delineation.	01/01/97
17	88.	Corps of	Port's application to fill wetlands.	02/27/97
18		Engineers		
19	89.	Department of Ecology	Laboratory guidance and whole effluent toxicity test review criteria. Publication No. WQ-R-95-80	March 1997
20	90.	FAA	FAA Advisory Circular No.150/5200-33 – Hazardous Wildlife Attractants On or Near Airports.	05/01/97
21	91	Port of Seattle	Final Supplemental Environmental Impact Statement – Master	May 1997
22	71.	and FAA	Plan Update Development Actions at Seattle-Tacoma International Airport (all volumes and appendices).	May 1997
23	92.	Port of Seattle	SEPA Addendum to the Final Supplemental EIS.	05/13/97
24	93.	Port of Seattle	Port of Seattle Resolution 3245 (with all attachments and	05/27/97
25	-		technical appendices).	
26	-			

2	94.	Hall, J.C., W.T. Hall, C.T. Simmons	Water Quality Criteria for Copper: A need for revisions to the national standard. Water Environment & Technology	June 1997
3		Similions		
4	95.	Locke, Gary – Governor	Letter to Corps of Engineers re Port's implementation of mitigation on air, water quality and stormwater controls.	06/30/97
5	96.	FAA	U.S. Department of Transportation Federal Aviation	07/03/97
6			Administration Northwest Mountain Region Record of Decision for the Master Plan Update Development Actions Sea-Tac	
7			International Airport.	
8	97.	Parametrix	Land use history of farmland located south of Lora Lake.	11/20/97
9	98.	Corps of Engineers	Public Notice of Application for Permit packet - includes construction overview color prints and sheets 1 through 29 of maps.	12/19/97
10 11	99.	Corps of Engineers	Draft of Public Notice of Application for Permit.	12/19/97
12	100.	Corps of Engineers	Mailing list for Public Notice of Application for Permit.	12/19/97
13 14	101.	Department of Ecology	Notice of Application for Water Quality Certification and Certification of CZMP.	12/19/97
15 16	102.	Corps of Engineers	Public Notice of Application for Permit.	12/19/97
17 18	103.	Parametrix, Inc.	Multiple day rainfall probabilities for Seattle-Tacoma International Airport. Prepared by Parametrix for the Port of Seattle	1998
19	104.	Cornell, J. et al.	Chemical Components of Aircraft Deicer Fluid: How they affect propylene glycol degradation rates and deicing waste stream toxicity	1998
20 21	105.	Corps of Engineers	Public Notice of Application for Permit.	01/01/98
22	106.	Port of Seattle Hearing	Findings, Conclusions, and Decision in City of Des Moines, et al., v. Port of Seattle, et al., Hearing Examiner Case No. HE 96-	01/30/98
23		Examiner	04	
24	107.	Department of Ecology	NPDES Permit WA-002465-1 Issuance February 20, 1998; Modification Date May 29, 2001.	02/20/98
2526	108.	Department of	Whole Effluent Toxicity (WET) Evaluation Summary.	Feb. 1998
	PORT	OF SEATTLE'S W	ITNESS AND EXHIBIT LIST - 11 FOSTER PEPPER & SHEFEL 1111 Third Avenue, Suite 3 Seattle, Washington 98101 206-447-4400	3400
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1		Ecology	Publication # 98-03	
2	109.	Parametrix	Multiple Day Rainfall Probabilities	Feb. 1998
3	110.		Addendum to IWS engineering report	April 1998
4		,	8-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
5	111.	US Dept. of Agriculture	Letter to Corps of Engineers re: wetland mitigation measures at SeaTac to be conducted off-site.	04/09/98
6	112	C		04/15/09
7	112.	US Dept. of Agriculture	Letter to Corps of Engineers re wetlands within 10,000 feet of runways at SeaTac.	04/15/98
8	113.	US Dept. of Agriculture	Letter to Corps of Engineers re: the endorsement of the Port's wildlife enhancement.	04/15/98
9	114			0.4/4.5/0.0
11	114.	US Dept. of Agriculture	Letter to Corps of Engineers re: wildlife hazards associated with airport environments.	04/15/98
12	115.	Parametrix	Wetland Restoration Plan for 16235 – 12th Avenue South.	07/01/98
13	116.	FAA	Letter to CASE re: FAA ROD and mitigation measures.	07/03/98
14	117.	Parametrix	Map Data Form: Routine Wetland Determination - SeaTac Wetland A-1.	07/06/98
15 16	118.	King Cty. Super.Ct.	Memorandum Ruling on Application of WAC Ch.365-195 in Case Nos. 96-2-20357-2KNT, 97-2-13908-2KNT. 97-2-22276-1KNT, 98-2-04911-1KNT.	07/09/98
17 18	119.	King Cty. Super.Ct.	Findings of Fact, Conclusions of Law and Final Order in Case Nos. 96-2-20357-2KNT, 97-2-13908-2KNT. 97-2-22276-1KNT, 98-2-04911-1KNT.	07/09/98
19	120.	Department of	Water Quality Certification/Coastal Zone Consistency	07/20/98
20	121.	Ecology Hart Crowser	Determination with DOE Order #1996-4-02325. Memorandum: Page Proporation Stability Applyais Phase II	August 1009
21	121.	nan Clowsel	Memorandum: Base Preparation Stability Analysis, Phase II	August 1998
22	122.	Parametrix	Draft Revised Off-Site Wetland Mitigation Plan August 18, 1998.	08/01/98
23	123.	Port of Seattle	Draft Des Moines Creek Flow Augmentation Plan.	08/18/98
24	124.	Parametrix	Draft Miller Creek Enhancement Plan.	08/19/98
25		FAA	Letter to Corps of Engineers re evaluation of wetland mitigation	09/02/98
26				
	PORT OF SEATTLE'S WITNESS AND EXHIBIT LIST - 12 FOSTER PEPPER & SHEFELMAN PLLC 1111 THIRD AVENUE SHIPE 3400			

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1			sites near the airport.	
2	126.	Port of Seattle	Final SEPA DNS and Notice of Decision – Improvements and Wetland Mitigation.	09/11/98
4	127.	Port of Seattle	Letter to Corps of Engineers re revised public notice for Section 404 permit application.	10/08/98
5	128.	US Court of Appeals	Unpublished Opinion Case No. 97-70953.	11/24/98
7	129.	Department of Ecology	Laboratory Guidance and Whole Effluent Toxicity Test Review Criteria. Publication #WQ-R-95-80	Dec. 1998
8 9	130.	Hart Crowser	Memorandum Summary of Hydrologic Issues, Borrow Areas 1, 3, and 4.	Dec. 1998
10	131.	Anchor Environmental	Letter to Corps of Engineers re: aquifer compaction.	12/09/98
11 12		and Hart Crowser		
13 14	132.	Shephard, B.K.	Quantification of ecological risks to aquatic biota from bioaccumulated chemicals. National Sediment Bioaccumulation Conference Proceedings Summary. http://www.epa.gov/OST/cs/confprod.html	1999
15	133.	Port of Seattle	Letter to Corps of Engineers re: geotechnical explorations in surrounding wetlands.	01/06/99
16 17	134.	Parametrix	Water Effect Ratio Screening Study at STIA: Toxicity Evaluation of Site Water.	Feb. 1999
18	135.	Port of Seattle	Des Moines Creek Regional Capital Improvement Project Preliminary Design Report.	April 1999
19 20	136.	(L. Logan and	Draft Memorandum to Port of Seattle project files: "Range-finding water-effect ratio results"	April 1999
21	137.	D. Henderson) HNTB, Hart	Evaluation of Retaining Wall/Slope Alternatives to Reduce	April 1999
22 23		Crowser, Parametrix	Impacts to Miller Creek Embankment Station.	
24	138.	Department of Ecology	Agreed Order, In Re: Sea-Tac Int'l Airport, No. 97TC-N122	5/25/99
2526	139.	HNTB	Technical Memorandum: Temporary Impacts to Wetlands During Third Runway Embankment Construction.	June 1999

1	140	Aggariated	Draw and Construction DMDs To Drawout Intercention of	C/20/00	
2	140.	Associated Earth Sciences, Inc./S.S.	Proposed Construction BMPs To Prevent Interception of Contaminated Ground Water by Utility Corridors	6/30/99	
3		Papadopulos & Associates, Inc.			
4	141.	Hart Crowser	Subsurface Conditions Data Report, 404 Permit Support, Third	July 1999	
5			Runway Embankment.	·	
6	142.	Hart Crowser	Memorandum Third Runway Project, Borrow Areas 1, 3, and 4, Projected Impact to Wetlands	July 1999	
7	143.	Port of Seattle	Wetlands Re-Evaluation Document	August 1999	
8	144.	Cosmopolitan	Dissolved Oxygen Deicing Study.	08/01/99	
9		Engineering Group			
10	145.	Port of Seattle	SEPA Addendum for Satellite Transit and North Esplanade	08/23/99	
11			Addition.		
12	146.	Port of Seattle	Annual stormwater monitoring report prepared by the Port of Seattle from July 1, 1998 through June 30, 1999.	Sept. 1999	
13	147.	Parametrix	Revised Public Notice figures.	09/14/99	
14 15	148.	Parametrix	Re-revised Public Notice change in title block.	09/16/99	
16	149.	Associated Earth Sciences,	STIA Monitoring Well Plan Map for Qva aquifer	09/16/99	
17	150	Inc.		00/4 = /00	
18	150.	Parametrix	Revised Public Notice Sheets 5 and 29.	09/17/99	
19	151.	Hart Crowser	Subsurface Conditions Data Report Borrow Area 1, 3 and 4 SeaTac prepared for HNTB and Port of Seattle.	09/24/99	
20	152.	Corps of Engineers	Corps of Engineers Public Notice mailing list.	09/30/99	
21	153.	Hart Crowser	Probabilistic Seismic Hazard Analysis Results Memorandum.	10/08/99	
22 23	154.	Corps of Engineers	Memorandum of SeaTac Airport Biological Assessment.	10/25/99	
24	155.	Port of Seattle	Preliminary Comprehensive Stormwater Management Plan and Technical Appendices.	10/29/99	
25 26	156.	Airline Pilots	Letter to Corps of Engineers re: removing wetlands from around	11/02/99	
~~	PORT OF SEATTLE'S WITNESS AND EXHIBIT LIST - 14 FOSTER PEPPER & SHEFELMAN PLLC 1111 THIRD AVENUE. SHITE 3400				

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1		Association (ALPA)	the airport.	
3	157.	Wash.Ct. of Appeals, Div.I	Published Opinion in Case No. 42306-1-I.	11/05/99
4	158.	CH2M HILL	Letter to Corps of Engineers re Peer review regarding the permit application and compliance.	11/10/99
5 6	159.	Holtz, Robert Ph.D., PE	Letter to Corps of Engineers re: MSE wall structure and design.	11/10/99
7	160.	Parametrix	Supplemental Airport Site Wetland and Stream Analysis. And Revised Draft - Biological Assessment.	11/12/99
8 9	161.	Wash.Ct. of Appeals, Div.I	Published Opinion in Case No. 43100-5-I.	11/15/99
10	162.	Parametrix	Supplemental Airport Site Wetland and Stream Analysis Report.	11/22/99
11	163.	Hart Crowser	Subsurface Conditions Data Report, Phase 3 Fill, Third Runway Embankment	Nov. 1999
12 13	164.	Port of Seattle	Certification of Consistency form.	12/06/99
14	165.	Associated Earth Sciences,	Conceptual Boundary Conditions and Graphics presentation figures and maps	12/08/99
15 16		Inc./S.S. Papadopulos & Associates, Inc.		
17	166.	Parametrix	Information on Biological Assessment completed for the EIS.	12/17/99
18	167.	U.S. EPA	Preliminary data summary airport de-icing operations. United States Office of Water (4303) EPA 821-R-00-001	2000
19 20	168.	Port of Seattle	Examining the effects of runway deicing on dissolved oxygen in receiving waters: results of the 1999-2000 winter season.	2000
21			Volumes 1 and 2	
22	169.	Paquin, P.R., R.C. Santore, K.B. Wu, C.D.	The Biotic Ligand Model: a model of the acute toxicity of metals to aquatic life. Environmental Science & Policy. 3:175-182	2000
23		Kavvadas, D.M. Di Toro		
24	170.	Dyer, S.D.,	Assessments of chemical mixtures via toxicity reference values	2000
25		C.E. White- Hull, and B.K. Shephard	overpredict hazard to Ohio fish communities. Environ. Sci. Technol. 34:2518-252	
26		Shophara		

1 2	171.	Earth Tech, Inc.	Seattle-Tacoma Airport Master Plan Update Low Streamflow Analysis. Prepared by Earth Tech, Inc. for the Port of Seattle	2000
3	172.	Associated Earth Sciences, Inc	Memorandum responding to Ecology comments on Conceptual Flow Model Boundary presentation	2000
5 6	173.	Lexis Publishing (Robert E. Beck, Editor)	Waters and Water Rights (excerpts)	2000
7 8	174.	Associated Earth Sciences, Inc.	Till Thickness Map	01/24/00
9	175.	Port of Seattle	SEPA Addendum to the Final Supplemental EIS.	01/24/00
10 11	176.	Associated Earth Sciences, Inc.	1 st and 2 nd Quarter Qva Aquifer Ground Water Flow Measurements and Flow Directions Maps	01/31/00
12 13	177.	Kennedy Jenks	Industrial Wastewater system lagoon 3 upgrade final design report	Feb. 2000
14 15	178.	Associated Earth Sciences, Inc.	Ground Water Flow Model Set-up presentation figures and mpas	02/03/00
16	179.	Wash.Ct. of Appeals, Div.I	Order Granting Motion for Reconsideration in Part and Amending Opinion Case No. 43100-5-I.	02/23/00
17	180.	Port of Seattle	Index of Additional Cumulative Impact Source Documents.	March 2000
18	181.	Port of Seattle	STIA Master Plan Response to 401/404 comments. Binder #1	03/10/00
19 20	182.	Port of Seattle	STIA Master Plan Response to 401/404 comments. Binder #2	03/10/00
21	183.	Port of Seattle	STIA Master Plan Response to 401/404 comments. Binder #3	03/10/00
22	184.	Port of Seattle	STIA Master Plan Response to 401/404 comments. Binder #4	03/10/00
23	185.	Port of Seattle	Port Final SEPA DNS-STIA Air Cargo Development Plan and Environmental Checklist.	03/15/00
24 25	186.	Port of Seattle	Final SEPA Determination of Non-Significance of Proposed Action – Water System Improvements Project at STIA.	March 2000
26	187.	Hart Crowser	Draft Subsurface Conditions Data Report, North Safety Area	March 2000
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- 11				
1			Third Runway Embankment.	
2	188.	Hart Crowser	Draft Memorandum: Seismic Basis of Design, Third Runway Project.	April 2000
4	189.	Hart Crowser	Draft Subsurface Conditions Data Report, South MSE Wall and Adjacent Embankment, Third Runway Project STIA.	April 2000
5	190.	Port of Seattle	SEPA Addendum to the Final Supplemental EIS.	04/27/00
6	191.	Port of Seattle	Stormwater Whole Effluent Toxicity (WET) Testing – Final Report.	May 2000
7 8	192.	Parametrix	Analysis Memo of indirect impacts to wetlands from the Temporary SR 509 Interchange.	05/03/00
9	193.	Port of Seattle	Addendum Report to the Final Supp. EIS Auburn Wetland Mitigation Project.	05/05/00
10 11	194.	Brix, K.V. and D.K. DeForest	Critical review of the use of bioconcentration factors for hazard classification of metals and metal compounds. OECD Aquatic Hazards Extended Workgroup Meeting, Paris, France	05/15/2000
12 13	195.	Port of Seattle	Archaeological Resources and Traditional Cultural Plates Assessment, King County.	05/12/00
14 15	196.	Port of Seattle	Letter to Department of Ecology re Coastal Zone Management Act Consistency Statement for Port's Proposed MPU.	05/22/00
16	197.	Corps of Engineers	Letter re: work at STIA.	05/30/00
17 18	198.	Parametrix	Biological Assessment for the Reinitiation and Initiation of Consultation for Certain Master Plan Update Improvements and Related Actions. Biological Assessment. Master Plan Update Improvements, Seattle-Tacoma International Airport	June 2000
19 20	199.	Hart Crowser	Preliminary Stability and Settlement Analyses Subgrade Improvements MSE Wall Support Third Runway Project Report.	June 2000
21 22 22	200.	FAA	Letter to National Marine Fisheries re evaluating the effects of the Final Biological Assessment and relevant STIA development actions on such species and their designated critical habitats.	06/15/00
232425	201.	Pacific Groundwater Group	Sea-Tac Runway Fill Hydrologic Studies Report.	06/19/00
26	202.	Port of Seattle	Letter to Department of Ecology re: monitoring plan for the	06/20/00
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2000 Airfield	Improvements	Port Pro	ject Phase 3.
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2				
3	203.	Department of Ecology	Fact Sheet of NPDES Permit WA-002465-1 STIA.	June 2000
4	204.	Hart Crowser	Draft Subsurface Conditions Data Report, West MSE Wall, Third Runway Embankment	June 2000
5 6	205.	Hart Crowser	Preliminary Stability and Settlement Analyses, Subgrade Improvements, MSE Wall Support.	June 2000
7 8	206.	HNTB, Hart Crowser and Parametrix	Evaluation of Retaining Wall/Slope Alternatives to Reduce Impacts to Miller Creek Embankment Station.	July 2000
9	207.	Parametrix	Wildlife Hazard Management Plan, Revised Draft.	07/07/00
10	208.	Parametrix	Implementation Addendum Report Appendices A-E.	07/17/00
11	209.	Associated	Four Quarters of Qva Ground Water Flow Measurements and	07/31/00
12		Earth Sciences, Inc.	Flow Direction Maps	
13 14	210.	Department of Ecology	Stormwater Management Manual for Western Washington. Volume V Runoff Treatment BMPs (Final Draft). Publication	Aug. 2000
15	011	D	No. 99-15	00/01/00
13	211.	Parametrix	Wildlife Hazard Management Plan.	08/01/00
16 17	212.	Hart Crowser	Evaluation of Perched Zone Interception, and Possible Impacts to Wetlands Hydrology, Borrow Area 3, SeaTac Third Runway.	08/09/00
18	213.	Parametrix	Summary of Key Wetland Findings of the SeaTac Runway Fill Hydrologic Studies Report.	08/11/00
19	214.	Hart Crowser	Draft Memo to Corps of Engineers re: geotechnical input to	08/21/00
20			MSE Wall and reinforced slope design Third Runway Embankment.	
21	215.	Department of	Letter to Corps of Engineers re: SASA - Draft EIS on South	08/28/00
22		Ecology	Access Roadway.	
23	216.	Port of Seattle	Annual Stormwater Monitoring Report for Seattle-Tacoma International Airport for the period July 1, 1999 through June	Sept. 2000
24			30, 2000.	
25	217.	Port of Seattle	Technical Memorandum: CWA 401 Issues for Master Plan Update Projects.	09/05/00
26				

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1 2	218.	Parametrix	Attachments to the Port's Technical Memorandum of September 5, 2000.	09/05/00
3	219.	Port of Seattle	Letter to Corps of Engineers re: Port will withdraw and resubmit its application to Corps of Engineers for Section 404 permit.	09/28/00
5	220.	Tom Fitzsimmons,	Letter to Port re: Port's withdrawal of its application.	09/28/00
6		Department of Ecology		
7 8	221.	Corps of Engineers	Revised Public Notice of Application for Permit. Corps of Engineers will extend comment period until 11/13/99.	09/30/00
9	222.	Hart Crowser	Draft Subsurface Conditions Data Report, Additional Field Explorations and Advanced Testing, Third Runway Embankment.	Sept. 2000
10 11	223.	Hart Crowser	Evaluation of Perched Zone Interception and Possible Impacts to Wetland Hydrology, Borrow Area 3.	Sept. 2000
12	224.	Hart Crowser	Draft Memorandum Methods and Results of Liquefaction Analyses, Third Runway Embankment.	Sept. 2000
13 14	225.	Tobiason, S., and L.R.J.	Whole effluent toxicity (WET) testing and source tracing at Seattle-Tacoma International Airport. Presented at WEFTEC	Oct. 2000
15		Logan	2000, Annual Conference of the Water Environment Federation, Anaheim, CA. October 2000	
161718	226.	Associated Earth Sciences, Inc./S.S. Papadopulos & Associates, Inc.	Conceptual Fate & Transport Model presentation figures and maps	10/04/00
19 20	227.	Hart Crowser	Sea-Tac Third Runway – Borrow Area 3 Wetland Hydrology Analysis.	10/20/00
21	228.	Corps of Engineers	Letter re: excavation material from Hamm Creek was properly tested.	10/20/00
22 23	229.	Hart Crowser	Memorandum on the conceptual design and support information for the proposed drainage swale to protect wetlands in Borrow Area 3.	10/20/00
24 25	230.	Port of Seattle	JARPA Application for Proposed Master Plan Update Improvements at Seattle-Tacoma International Airport.	10/25/00
26	231.	Port of Seattle	JARPA Application SeaTac Master Plan Expansion Project.	10/25/00
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1 2	232.	Port of Seattle	SEPA Determination of Non-Significance (DNS) of Temporary Aircraft Parking - Taxiways Stubs.	10/26/00
3	233.	Hart Crowser	Draft Memorandum Effects on Infiltration and Base Flow	Oct. 2000
4	234.	Parametrix	Supplemental Information Cumulative Impacts Wetlands and Streams Report.	Nov. 2000
5 6	235.	Hart Crowser	Draft Subsurface Conditions Data Report, Phase 4 Fill, Third Runway Embankment	Nov. 2000
7	236.	Hart Crowser	Stability Review of RECo 30% Design Third Runway Embankment Project.	11/09/00
8	237.	Port of Seattle	Final SEPA - DNS for Part 150 Noise Compatibility Planning Study.	11/13/00
10	238.	Port of Seattle	Final SEPA - DNS for Temporary Aircraft Parking - Taxiway stubs.	11/16/00
11 12	239.	Parametrix	Essential Fish Habitat Consultation for Certain MPU Improvements and Related Actions.	Dec. 2000
13 14	240.	Parametrix	Comprehensive Stormwater Management Plan – Master Plan Update Improvements Seattle-Tacoma International Airport. Volumes 1 through 4 and appendices.	Dec. 2000
15	241.	Parametrix	Wetland Delineation Report with Appendix B– Master Plan Update Improvements Seattle-Tacoma International Airport.	Dec. 2000
16 17	242.	Parametrix	Wetland Functional Assessment and Impact Analysis – Master Plan Update Improvements Seattle-Tacoma International Airport (including appendices).	Dec. 2000
18 19	243.	Parametrix	Natural Resource Mitigation Plan (Final) – Master Plan Update Improvements Seattle-Tacoma International Airport.	Dec. 2000
20	244.	Earth Tech. Inc.	STIA Low Flow Stream Flow Analysis.	Dec. 2000
21 22	245.	Hart Crowser	Draft Geotechnical Engineering Analyses and Recommendations, Third Runway Embankment, Seattle- Tacoma International Airport.	12/04/00
23	246.	Hart Crowser	Third Runway Project Borrow Areas 1, 3 and 4 Projected Impacts Wetlands Report (revised).	12/08/00
24	247.	Parametrix	Revised Impact/Mitigation Sheets from the JARPA.	12/13/00
2526	248.	Parametrix	Biological Assessment Supplement Report.	12/13/00
	I			

1 2	249.	Parametrix	Corrected page of Essential Fish Habitat Consultation for Certain Master Plan Update Improvements and Related Actions.	12/15/00
3	250.	DOE	Ecology memorandum - Protection Requirements for Tyee Pond.	12/18/00
4 5	251.	Parametrix, Inc.	Draft: Developing a Site-Specific Water Quality Standard for Copper	2001
6	252.	Department of Ecology	Draft Water Effect Ratio Section of the Permit Writer's Manual	Jan. 2001
7	252	Dowt of Coattle	Revised CZM form.	01/11/01
8	253.	Port of Seattle	Revised CZM 10HH.	01/11/01
9	254.	Port of Seattle – FAA	SEPA DNS - Toll Plaza Improvements and Cooling Tower Relocation 8/18/87 POS SEPA - Notice of Decision 2/26/98	01/12/01
10			POS SeaTac International Airport Hotel-Final EIS Addendum 2/26/98 POS Supplemental SEPA DNS Master Plan	
11			Improvement Wetland Mitigation Envir. Checklist 8/6/98 POS SEPA DNS - South SeaTac Electric Substation Upgrade-Envir.	
			Checklist 3/1/99 POS SEPA DNS - Delta Air Lines Fuel Farm	
12			Closure and Removal Envir. Checklist 6/14/99 POS MDNS for South Terminal Expansion Project (STEOP) Envir. Checklist	
13			7/19/99 POS SEPÁ DNS – Interim Landscape Design Standards Envir. Checklist 7/19/99 POS Final SEPA DNS -	
14			Delta Air Lines Fuel Farm Closure Removal 8/2/99 POS SEPA Addendum 8/23/99 POS SEPA DNS - Industrial Wastewater	
15			System Lagoon #3 Upgrades Expansion Envir. Checklist 12/22/99 POS SEPA DNS – Air Cargo Development Plan	
16			Envir., 11/22/99 POS SEPA Addendum 1/24/00 POS Final SEPA DNS of Proposed Action-Air Cargo Development Plan	
17			3/15/00 POS SEPA DNS - Water System Improvements 3/23/00 Envir. Checklist 3/8/00 Final SEPA DNS Alaska Airlines	
18			Boardroom Expansion Project 9/1/00 Envir. Checklist 8/7/00 Final SEPA DNS Aircraft Hydrant Fueling System (AHFS)	
19			Project 10/6/00 Envir. Checklist 10/5/00 Final SEPA DNS Alaska Airlines Maintenance Facility Expansion 3/30/01	
20			Addendum to STIA.	
21	255.	Department of Ecology	Letter to Julia Patterson Washington State Senate with attached issues by Tom Luster regarding Ecology's SeaTac Review.	01/21/01
22				
23	256.	Hart Crowser	Additional Information on Seismic Design.	01/25/01
24	257.	Peter M. Douglas, Inc.	Letter to Corps of Engineers re: summarized findings of a panel of independent experts to review the technical aspects of the	01/25/01
25			MSE walls.	
26				
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2	258.	Hart Crowser	Letter to Corps of Engineers re: Technical Review Board opinions on the design and methodology by the design team on the MSE wall.	02/08/01
3	259.	CH2M Hill	Letter re: peer review of stormwater management plan.	02/13/01
5	260.	Hart Crowser	Letter to Department of Ecology re: Shannon & Wilson, Inc. peer review letter for the retaining wall.	02/14/01
6 7	261.		Letter to Corps of Engineers re: chinook salmon and bull trout may be affected, but not adversely.	02/16/01
8	262.	Port of Seattle	Final SEPA of DNS of Proposed Demolition of Former Sunset Activity Center.	02/23/01
9	263.	Parametrix	Essential Fish Habitat Assessment – Master Plan Update Improvements Seattle-Tacoma International Airport.	March 2001
11	264.	Hart Crowser	Draft Memo to Corps of Engineers re: revised Methods and Results of Liquefaction Analyses.	03/05/01
12 13	265.	Port of Seattle	Addendum Report to the STIA North Electric Service Upgrade DNS.	03/06/01
14	266.	Port of Seattle	SEPA DNS - Alaska Airlines Maintenance Facility Expansion.	03/08/01
15	267.	Hart Crowser	Post-Earthquake Reconnaissance and Photo Documentation, STIA Third Runway Project.	03/26/01
16	268.	Hart Crowser	Memorandum MSE Wall Performance During Earthquake.	March 2001
17 18	269.	Hart Crowser	Draft Conceptual Reclamation Permit Package Borrow Area 3 and 4.	March 2001
19	270.	Port of Seattle	Third Runway Embankment and Wall Design Quality Control Progress	March 2001
20 21	271.	Hart Crowser	Draft Memorandum Proposed Liquefaction Procedure under Walls and Slopes.	May 2001
22	272.	Port of Seattle	Memo to Corps of Engineers re: Wetland Functional Assessment and Impact Analysis December 2000/April 2001.	04/16/01
23	273.	Port of Seattle	Response to Comments – Port of Seattle's General Responses.	04/30/01
2425	274.	Port of Seattle	Response to all Comments – Master Plan Update Improvements at Seattle-Tacoma International Airport, Vols 1 and 2.	04/30/01
26				

1 2	275.	Parametrix	Wetland photographs and maps of master plan update improvements.	05/01/01
3	276.	U.S. Fish & Wildlife Serv.	Letter to FAA re Biological Opinion for the Master Plan Update Improvements, STIA.	05/22/01
5	277.	National Marine Fisheries	Letter to FAA re Biological Assessment for MPU Improvements at STIA .	05/31/01
6		Service		
7	278.	Hart Crowser	Memoradnum Third Runway Project Borrow Areas 1, 3, and 4 Projected Impacts to Wetlands – Revised.	June 2001
9	279.	Hart Crowser	Memorandum Revised Stability Review of RECo 30% Design – South Wall, Third Runway Embankment.	June 2001
1011	280.	Corps of Engineers	Memorandum re: review of Dissolved Oxygen Deicing Study, prepared by Cosmopolitan Engineering Group, dated August 1999.	06/01/01
12 13	281.	Rutzick, Mark	Petitioners' Motion for Voluntary Dismissal in Case No.00-70848 ACC v. FAA and Port of Seattle.	06/11/01
14	282.	Hart Crowser	Avoidance of Wetland Impacts Temporary Stormwater Pond A Report at SeaTac Third Runway.	06/18/01
15 16	283.	Associated Earth Sciences	Technical Memorandum – Analysis of Preferential Ground Water Flow Paths Relative to Proposed Third Runway, Seattle-Tacoma International Airport.	06/19/01
17 18	284.	FAA	Additional information on the mechanically stabilized earth (MSE) wall; section 106 activities.	06/19/01
19 20	285.	DOE and Port of Seattle	Letter to Corps of Engineers re: CZMA deadline.	06/21/01
21	286.	Hart Crowser	Figure 1 Draft Post-Reclamation Topographical Drainage Facilities. Figure 2 Draft Typical Cross Section. Figure 3 Draft	06/28/01
22			Post-Reclamation Topographical Detail. Figure 4 Draft Proposed Wetland Protection Swale Profile and Cross Section.	
2324	287.	Parametrix	Revised grading plan and planting plan for the wetland mitigation site in Auburn.	06/29/01
25	288.	Parametrix	Low Flow Analysis and Flow Impact Offset Facility Proposal.	July 2001
26	289.	Parametrix	Stormwater Management Plan updated inserts.	July 2001
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1	290.		Law of Water Rights and Resources (excerpts)	July 2001
2		Dan Tarlock)		
3	291.	Parametrix	Tables on final performance standards; evaluation approach and contingency measures for the Auburn wetland mitigation project	07/12/01
4			and the mitigation projects at the Vacca Farm, and replacement channels.	
5	292.	Hart Crowser	Installation and Verification Results, Work Area 2 Stone	07/24/01
6	272.	Trait Crowser	Column Test Areas, Third Runway Embankment Phase 4, SeaTac, Washington	07/24/01
7	293.	Port of Seattle	Draft Memo to Corps of Engineers re: restrictive covenants for	07/25/01
8			mitigation areas.	
9	294.	Parametrix	Assessment of Existing and Future Hydrologic Divide on Miller, Walker and Des Moines Creeks after Construction	July 2001
10	295.	Darametriv Inc	Figure 1 – master plan projects near the Seattle-Tacoma	Aug. 2001
11	293.	rarameurx, mc.	International Airport. Northern Map	Aug. 2001
12	296.	Department of Ecology	Stormwater Management Manual for Western Washington	Aug. 2001
13	207	•	Constitution Insurant to Western In and Consense Markey Plan	A 2001
14	297.	Parametrix	Cumulative Impacts to Wetlands and Streams – Master Plan Update Improvements Seattle-Tacoma International Airport.	Aug. 2001
15	298.		Letter to Ecology re review of Comprehensive Stormwater Management Plan for Master Plan Improvements at STIA.	08/03/01
16	299.	King County	Letter to Department of Ecology re: review of low flow impacts,	08/03/01
17	433.	Department of Natural	and the proposed facilities for offsetting identified impacts.	08/03/01
18		Resources		
19	300.	FAA	U.S. Department of Transportation Federal Aviation Administration Northwest Mountain Region Record of Decision	08/08/01
20			- Environmental Reevaluation for Master Plan Update Development Actions Sea-Tac International Airport.	
21	201	D		00/00/01
22	301.	Pacific Groundwater Group	Third Runway Embankment Fill Modeling Report.	08/08/01
23		•		
24	302.	Darm, Donna (NMFS)	Letter to the FAA re Consultation on Salmon Essential Fish Habitat.	08/09/01
25				
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23 24 25	316.	Hart Crowser	Subsurface Conditions Data Report, Phase 5 Fill and Subgrade Improvement, Third Runway Embankment.	Sept. 2001
21		Parametrix, Inc. Hart Crowser	Impervious areas map. IMPRV 1994 & 2004 Topsoil Management Plan for Borrow Area 4.	Sept. 2001 Sept. 2001
20			Third Runway Program Construction Schedule Update.	Sept. 2001
19	312.	Parametrix, Inc.	Impervious areas map. IMPRV 1994 & 2004	Sept. 2001
17 18	311.	Parametrix, Inc.	1994/2006 drainage basin overlay with PGG fill	Sept. 2001
16	310.	David DeForest	Memorandum to Linda Logan: "Response to Dr. Strand declaration comment #16"	Sept. 2001
14 15	309.	Peter M. Douglas, Inc.	Letter to Corps of Engineers re: Embankment Technical Review Board Assessment.	08/20/01
12 13	308.	Parametrix	Sand and Gravel Stormwater Pollution Prevention Plan Third Runway Project Borrow Areas 3 and 4.	Aug. 2001
10 11	307.	Hart Crowser	Final Conceptual Borrow Material Development and Reclamation Plan Borrow Areas 3 and 4.	Aug. 2001
8 9	306.	Department of Ecology	Letter and Water Quality Certification to the Port of Seattle – Order No. 1996-4-02325.	08/10/01
6 7	305.	Port of Seattle	Addendum #4 to the STIA MPU Final EIS and Final Supplemental EIS Borrow Source Areas 3 and 4 and the FAA Incorporation of NEPA Reevaluation.	08/10/01
3 4 5	304.	National Marine Fisheries	Letter to the FAA re: consultation on salmon Essential Fish Habitat, the Biological Assessment effects are transient, local and of low intensity and are not likely to adversely affect in the long-term.	08/09/01
1 2	303.	FAA	Letter to Corps of Engineers re: the project continues to conform to the analyses presented in the FEIS and FSEIS and both RODS.	08/09/01

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1 2	318.	Hart Crowser	Draft Geotechnical Engineering Analyses and Recommendations, Third Runway Embankment, Phase 5	Sept. 2001
3 4	319.	Port of Seattle	Master Plan Update Construction Schedule	Sept. 2001
5 6	320.	FAA	Letter to Corps of Engineers re: Paper on delay at STIA with model predictions.	09/19/01
7 8	321.	Department of Ecology	Letter and Water Quality Certification Order #1996-4-02325 (Amended – 1).	09/21/01
9	322.	HNTB	Phase 4 Construction Wetland Impact chart (Post 404 Permit).	09/27/01
10	323.	Parametrix	Draft NRMP tables on final performance standards at Vacca	09/27/01
11			Farms. Wetland buffers and enhancement at Miller Creek.	
12	324.	L. Gould	Fill Criteria Derivation Chart for Third Runway Embankment.	09/29/01
13	325.	Parametrix, Inc.	Draft Memorandum to Port of Seattle project files: "Summary	Oct. 2001
14		(L. Logan and T. Pollard)	of analytical results from 1-14-99 storm water sampling"	
15 16	326.	Hart Crowser	Memorandum Wetland Hydrology and the Third Runway Embankment Fill.	Oct. 2001
17 18	327.	Hart Crowser	Subsurface Conditions Data Report Haul Route and Borrow Areas 3 and 4 Third Runway Project	Oct. 2001
19 20	328.	Port of Seattle	Letter to Ann Kenny from Elizabeth Leavitt re: Condition F.1	10/02/01
21	329.	Port of Seattle	Plan to Monitor Potential Contaminant Transport to Soil and Ground Water via Subsurface Utility Lines	10/02/01
23	330.	Port of Seattle	Proposed Construction BMPs To Prevent Interception of Contaminated Ground Water by Utility Corridors	10/02/01
24	331.	Parametriv Inc	Miller Creek Riparian Corridor and Instream Enhancement	Nov. 2001
25] 331.	i aramours, mc.	Project; Wetland A17 Restoration	1404. 2001
26				

1 2	332.	Tobiason, S. and L. Logan	Trickle Down Effect: Results of Whole Effluent Toxicity Testing and Source Tracing. Industrial Wastewater 2001	Nov. 2001
3 4	333.	Hart Crowser	Geotechnical Design Summary Report Third Runway Embankment and MSE Retaining Wall at STIA	Nov. 2001
5 6	334.	Port of Seattle	Third Runway Embankment Fill Monitoring Plan	Nov. 2001
7 8	335.	Parametrix, Inc.	Des Moines Way Nursery Wetland Restoration Plan	Nov. 2001
9	336.	Port of Seattle	Memorandum Army Corps of Engineers 404 Review of On-Site Borrow Areas with attached reports: reference nos. 1-19.	11/01/01
11 12	337.	Pacific Groundwater	Sea-Tac Third Runway Embankment Fill Modeling in Support of Low-Streamflow Analysis	11/27/01
13 14	338.	Group Kennedy Jenks	AKART implementation status report	Dec. 2001
15 16 17	339.	Port of Seattle	Stormwater Pollution Prevention Plan, Seattle-Tacoma International Airport (rev. 12/01)	Dec. 2001 (revised)
18 19	340.	Parametrix, Inc.	Low Streamflow Analysis and Summer Low Flow Impact Offset Facility Proposal, Volumes 1 and 2	Dec. 2001
20 21	341.	S. Suggs; Department of Ecology	Letter to Grant Beck re: Ayer Property on Orcas Island	12/04/01
22	342.	Hart Crowser	Memorandum: Hydrologic Conditions and Wetland Hydrology	12/12/01
24 25	343.	Hart Crowser	Memorandum: Effect of Shear Modulus on Deformations and Reinforcing Stresses of MSE Walls, Third Runway Project	12/20/01
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1 2	344.	Hart Crowser	Memorandum: Stability Review of RECo 30% Design, Sea-Tac Third Runway Embankment Project	01/09/02
3	345.	Department of Ecology	Water Right Permitting Trends	01/09/02
5 6	346.	Hart Crowser	Memorandum: Geotechnical Input to MSE Wall Design, Third Runway Embankment	01/11/02
7 8	347.	Port of Seattle	Site Specific Assessment data at Seattle-Tacoma International Airport	01/18,19/02
9	348.	Hart Crowser	Draft: Third Runway Flac Analysis of MSE Walls	01/24/01
11 12	349.	A. Azous	Field notes from site visit – Seattle-Tacoma International Airport	01/28/02
13 14	350.	A. Azous	Field notes from site visit – Seattle-Tacoma International Airport	01/31/02
151617	351.	Port of Seattle	SSA Study Baseflow Sample Results, SSA Study Stormflow Sample Results and SSA QC Sample Results	Feb. 2002
18 19	352.		Seattle-Tacoma International Airport Third Runway Embankment Fill Water Quality and Transport Analysis	02/15/02
20 21	353.	Parametrix, Inc.	Future subbasins, watersheds and detention facilities. GIS figure (11 x 17)	02/19/02
22 23	354.	Parametrix, Inc.	Future subbasins, watersheds and detention facilities. GIS figure (11 x 17)	02/19/02
24 25	355.	Parametrix, Inc.	Existing and post project conditions. GIS figure	02/19/02
26				

Respectfully submitted this 20th day of February, 2002.

PORT OF SEATTLE

Linda J. Strout, General Counsel, WSBA No. 9422 Traci M. Goodwin, Senior Port Counsel, WSBA No. 14974

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PORT OF SEATTLE'S WITNESS AND EXHIBIT LIST - 29

Received by FAX

ENVIRONMENTAL HEARINGS OFFICE

POLLUTION CONTROL HEARINGS BOARD FOR THE STATE OF WASHINGTON

AIRPORT COMMUNITIES COALITION,

Appellant,

No. PCHB 01-160

v.

CERTIFICATE OF SERVICE

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY, and THE PORT OF SEATTLE,

Respondents.

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Holly Simmelink, Certified PLS, certifies that, on February 20, 2002, I filed/served the following documents on the following persons by the means specified below:

Respondent Port Of Seattle's List Of Witnesses And Exhibits; and

17 18

1.

2.

19

this Certificate of Service

20 21

Jeff Kray

Joan M. Marchioro

Thomas J. Young

22

Department of Ecology 2425 Bristol Court S.W., 2nd Floor

Olympia, Washington 98502 By facsimile and Federal Express

23

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25 26

CERTIFICATE OF SERVICE - 1

ORIGINAL

FOSTER PEPPER & SHEFELMAN PLLC 1111 THIRD AVENUE, SUITE 3400 SEATTLE, WASHINGTON 98101-3299 206-447-4400

AR 003551

50299226.02

1	Peter J. Eglick Kevin L. Stock
2	Michael P. Witek Helsell Fetterman LLP
3	1500 Puget Sound Plaza 1325 Fourth Avenue
4	Seattle, WA 98101-2509 By Messenger
5	Rachael Paschal Osborn
6 7	2421 W. Mission Avenue Spokane, WA 99201 By Facsimile and Federal Express
8	Richard A. Poulin
9	Smith & Lowney, P.L.L.C. 2317 East John Street
10	Seattle, WA 98112 By Messenger
11	I declare under penalty of perjury under the laws of the state of Washington that the
12	foregoing is true and correct.
13	Executed this 20 th day of February 2002, at Seattle Washington.
14	Holly Simmelink, Certified PLS
15	Hony Simulating, Certified PLS
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FOSTER PEPPER & SHEFELMAN PLLC 1111 Third Avenue, Suite 3400 Seattle, Washington 98101-3299 206-447-4400 AR 003552

CERTIFICATE OF SERVICE - 2