

APPENDIX F

Summary of Reviewed Historical Documents

King County Solid Waste Division

Enumclaw Closed Landfill

Appendix F

Historical Document Review

Document Title	Date Published	Author/Creator	Summary of Relevant Content/Other Notes
1978 Aerial Photographs	1/23/1978	Walker and Associates	No relevant information
Groundwater Geology-Investigations for Rural Landfills in KC	3/26/1984	RW Beck	Summary of GW sampling in this period (no relevance to leachate pond, superceded by subsequent reports)
1986 Rural Landfill Monitoring Wells	1986	KCSWD	No relevant information
Geotech Report 9-19-87	9/19/1987	Sweet, Edwards and associates	Groundwater information in GW wells (no specific leachate analysis)
Phase I Plan - Site Map	1988	RW Beck	Phase I Closure Drawings
1989 Leachate Pond Sections/Details	1989	Unk	Details for geomembrane lined leachate ponds and surface water infiltration basin
1989 Phase II Operations Cell Sequence Plan and Sections	1989	Unk	No relevant information
1989 Phase II Ops Plan Final Grading Plan	1989	Unk	No relevant information
1989 Final Design Report	Jun-89	RW Beck	Contains information regarding the "inert fill" to the west of the main fill areas, leachate management design, and flow rates/capacity of aquifer below ELF. Calls for cover to control leachate and no collection or storage facilities to be installed.
Phase I Procedure Manual	Jun-89	RW Beck	Phase I Closure CQA Manual
Phase II Operations Plan	Jun-89	RW Beck	Operations plan for Phase II filling (covers filling, leachate management, LFG Management, daily cover, etc...
Enumclaw Landfill June 1989 Surveying and Mapping	6/30/1989	RW Beck	Provides survey topography of the leachate pond (no geomembrane liner) prior to removal
1988 Groundwater Quality - Off-Site	1/14/1990	KCSWD	Groundwater sample forms (not relevant)
1990 Final Design Report Add. NO. 1	Mar-90	RW Beck	Includes calculations for sizing the leachate pond (lined) and infiltration basin
1990 Final Design Report Revised Add. No. 1 v2	May-90	RW Beck	Updated calcs for infiltration basin
1984-1990 Environmental Data Base Ground-Surface Water Leachate	8/31/1990	HLA	Contains WQ Data from period before closure
1989 Groundwater Quarterly Well Wizard	9/7/1990	KCSWD	Groundwater sample forms (not relevant)
1989 Groundwater Quarterly Well Wizard 2	9/8/1990	KCSWD	Groundwater sample forms (not relevant)
1990 Groundwater Quarterly Well Wizard 3	9/9/1990	KCSWD	Groundwater sample forms (not relevant)
1991 Groundwater Quarterly Well Wizard 4	9/10/1990	KCSWD	Groundwater sample forms (not relevant)
1992 Groundwater Quarterly Well Wizard 5	9/11/1990	KCSWD	Groundwater sample forms (not relevant)
Final Geotechnical Soils Investigation April 1991	4/26/1991	HWA	Related only to transfer station development
Request for Variance Extension	Jul-92	KCSWD/RW Beck	Provides backup documentation for continued filling in Phase II.
1984 - 1990 Groundwater Report	7/30/1992	Emcon Northwest, Inc	Indicates some leachate impacts to GW Quality in downstream MWs during active filling and closure implementation period of the landfill

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Phase II Design Report	Dec-92	RW Beck	Phase II Closure Design Report (post removal of non-geomembrane lined leachate pond)
Phase II Construction Phase Manual	Apr-93	RW Beck	Phase II Closure CQA Manual
Phase II Plan - Site Map	4/26/1993	RW Beck/EMCON	Phase II Closure Construction Drawings
2002 Enumclaw and Houghton Landfill GW Quality Reports	9/17/2002	KCSWD	Houghton GW Quality Plots (not relevant)
2003 Enumclaw Site Inspection	6/12/2003	KCSWD	No relevant information
2002 Annual Groundwater Report	Jan-04	KCSWD	Evaluation of GW data from 1986 - 2002. Includes site history and update to GW quality trends. General improvement or steady trends for contaminants observed.
2004 Annual Groundwater Report	Mar-05	KCSWD	Evaluation of GW data from 1986 - 2004. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2005 Annual Groundwater Report	Mar-06	KCSWD	Evaluation of GW data from 1986 - 2005. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2006 Annual Groundwater Report	Mar-07	KCSWD	Evaluation of GW data from 1986 - 2006. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2007 Annual Groundwater Report	Mar-08	KCSWD	Evaluation of GW data from 1986 - 2007. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2008 Annual Groundwater Report	Dec-08	KCSWD	Evaluation of GW data from 1986 - 2008. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
1986 - 1999 Groundwater Report	Sep-09	KCSWD	Results of groundwater samples contained "low" concentrations of leachate indicating constituents and no significant trends were observed.
2009 Annual Groundwater Report	Jan-10	KCSWD	Evaluation of GW data from 1986 - 2009. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.

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Ecology Letter	12/14/2010	K. Kowalik/ Ecology	Identifies potential contaminated soils in the SW infiltration basin and potential gap in cover system near MW-10 (reference to 2009 annual report)
2010 Annual Groundwater Report	Dec-10	KCSWD	Evaluation of GW data from 1986 - 2010. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2011 Annual Groundwater Report	Dec-11	KCSWD	Evaluation of GW data from 1986 - 2011. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2012 Annual Groundwater Report	Dec-12	KCSWD	Evaluation of GW data from 1986 - 2012. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples.
2013 Annual Groundwater Report	Dec-13	KCSWD	Evaluation of GW data from 1986 - 2013. Includes site history and update to GW quality trends. Indicates continued improvement in GW quality based on well samples. Each annual GW report shows stable or decreasing trends for leachate indicating parameters. It was noted in recommendations of report that the site is demonstrating stabilization and that it may be appropriate to move towards custodial care (terminate post-closure care).
1986 Off-Site Wells	Fall 1986	Unk	No relevant information
Fig. 1 Cover Repair & Leachate Pond	Unk	Unk	Refers to Leachate Pond 3 only (Shows location of existing leachate ponds 1 and 2)
Fig. 2 Sections and Details	Unk	Unk	Sections and details for Pond 3 and leachate collection
Enumclaw Landfill Aerial Photographs	Various	KCSWD	Observe changing site conditions. No specific relevance to leachate pond.