

Table 1. Site Timeline - Early Notice Letter to Present

Year	Date	Event
2008	October 1	Early Notice Letter from Ecology to Simplot.
2008	February 9	Simplot letter to Ecology indicating HDR has been hired and requesting a meeting.
2009	March 19	Simplot and Ecology meeting to discuss Volunteer Cleanup Program options.
2009	May	Simplot enters Volunteer Cleanup Program with Ecology.
2009	May	<i>Preliminary Site Investigation Work Plan</i> submitted to Ecology.
2009	July 7	Ecology opinion on Work Plan in letter to Simplot.
2009	September 23 and 24	Work plan field activities conducted including using a GeoProbe for sampling of soil and groundwater.
2009	December 17	<i>Preliminary Site Investigation Report</i> submitted to Ecology.
2010	June 4	Ecology response letter to the December 17, 2009 Preliminary Site Investigation Report.
2010	July	<i>Monitoring Well Construction and Sampling Work Plan</i> submitted to Ecology. Work plan included installation of five monitoring wells and quarterly sampling for one year.
2010	December	Ecology approval of work plan.
2011	March 15 and 16	Five groundwater monitoring wells installed.
2011	March 17	First quarter groundwater sampling.
2011	April	<i>Monitoring Well Construction and Sampling Report</i> submitted to Ecology.
2011	June 30	Second quarter groundwater sampling.
2011	September 15	Third quarter groundwater sampling.
2011	December 16	Fourth quarter groundwater sampling.
2012	May	<i>2011 Monitoring Well Sampling Report</i> submitted to Ecology
2012	May 24	Simplot and Ecology meeting in Yakima discuss monitoring results and next activities including need to assess off-site subsurface drains.
2012	June	Simplot coordinated with Sunnyside, WA, and SVID ¹ on drain system layout.
2012	July	<i>Source Removal, Drain Evaluation, Monitoring Well Construction and Sampling Work Plan</i> submitted to Ecology.
2012	September 12	HDR met with SVID and Sunnyside, WA, representatives to investigate drain system and manhole access near the Simplot property. These manholes are part of the drain evaluation described in the July 2012 Work Plan.
2012	November 20	HDR letter to Ecology regarding "Modification to Source Removal and Additional Investigation Work Plan, July 2012" – recommended installation of off-site monitoring wells prior to drain study.
2012	November	Two offsite and one onsite monitoring wells installed. MW-5 abandoned due to rinsate area excavation.
2012	December 4 and 5	Rinsate area excavation and new round of well sampling including newly installed monitoring wells.
2013	February	<i>Source Removal, Drain Evaluation, Monitoring Well Construction, and Sampling Report</i> submitted to Ecology.
2013	April	Supplemental drain evaluation conducted and monitoring wells sampled.
2013	July	Monitoring wells sampled.
2013	September	Supplemental Drain Evaluation and Monitoring Well Sampling Report submitted to Ecology. Report recommended meeting with Ecology to discuss next steps in project.
2013	October	Groundwater sampling, report submitted to Ecology.

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Year	Date	Event
2014	October	Groundwater sampling, report submitted to Ecology.
2015	April	Groundwater sampling, report submitted to Ecology.
2015	October	Groundwater sampling, report submitted to Ecology.
2016	April	Groundwater sampling, report submitted to Ecology.
2016	October	Groundwater sampling, report submitted to Ecology.
2017	May	Groundwater sampling, report submitted to Ecology.
2017	December	Groundwater sampling, report submitted to Ecology.
2018	April/June	Groundwater sampling, report submitted to Ecology.
2018	September	Groundwater Sampling, report submitted to Ecology.
2019	June	Simplot entered into an Agreed Order (AO), DE 16446, with Ecology on June 26, 2019.
2019	October	Draft Remedial Investigation Work Plan submitted to Ecology
2020	January	Groundwater Sampling – Phase 1 RI monitoring wells and GeoProbe borings, report submitted to Ecology.
2020	June	Sampling and Analysis Plan – Phase 2 RI activities for additional geoprobe borings and groundwater sampling
2020/ 2021	December/January	Phase 2 RI field activities
2021	March	Phase 2 RI Report
2021	June	Phase 2.5 Sampling Analysis Plan
2022	January	Phase 2.5 RI Report
2022	April	Tier 2 Vapor Intrusion Work Plan – Combined Sampling and Analysis Plan (SAP) / Quality Assurance Project Plan (QAPP) for Interim Phase 3 Remedial Investigation Activities
2022	May	Interim Phase 3 field activities
2022	July	Phase 3 Remedial Investigation Work Plan – Combined Sampling and Analysis Plan (SAP) / Quality Assurance Project Plan (QAPP) for Phase 3 Remedial Investigation Activities
2022	August	Phase 3 field activities
2022	December	Phase 3 RI Report (this document)

¹SVID=Sunnyside Valley Irrigation District; HDR=HDR, Inc.

Table 2. Analyses for Soil Samples¹

Analytical Parameter	Method
Volatile Organic Compounds (VOCs) (full list)	EPA 8260D
Chlorinated Herbicides (full list)	EPA 8151A
Resource and Recovery Act (RCRA) Metals	EPA 6010C
Nitrate+Nitrite, as N	EPA 353.2
Northwest Gasoline Range Organics (GRO)	NWTPHGX
Northwest Diesel Range Organics (DRO)	NWTPHDX
Semi Volatile Organic Compounds (GC/MS)	8270D-SIM

¹See RI-Work Plan and supplements for analysis selection for each sample.

EPA=U.S. Environmental Protection Agency; HCl=hydrochloric acid; HNO₃=nitric acid; H₂SO₄=sulfuric acid

Table 3. QA/QC Field Samples for Phase 3 Sampling

Tier 2 Vapor Intrusion Soil Gas Samples			
QA/QC Type	Number of Samples	Method	Description
Parent Sample (indoor air, subslab, ambient air)	7	VOCs by EPA Method TO-15	Air samples collected from inside the buildings, building subslab or crawlspace, and outdoor ambient air
Duplicate Soil Gas	2	VOCs by EPA Method TO-15	Duplicate is collected using the same sampling technique as the original sample for soil gas.