

**STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY**

In the Matter of Remedial Action by:

The City of Olympia
(Former West Olympia Landfill)

AGREED ORDER

No. DE 13797

TO: The City of Olympia
City Hall
601 4th Avenue East
Olympia, Washington 98501

TABLE OF CONTENTS

I.	INTRODUCTION.....	2
II.	JURISDICTION.....	2
III.	PARTIES BOUND.....	2
IV.	DEFINITIONS.....	2
V.	FINDINGS OF FACT.....	3
VI.	ECOLOGY DETERMINATIONS.....	6
VII.	WORK TO BE PERFORMED.....	7
VIII.	TERMS AND CONDITIONS.....	8
	A. Remedial Action Costs.....	8
	B. Designated Project Coordinators.....	9
	C. Performance.....	10
	D. Access.....	10
	E. Sampling, Data Submittal, and Availability.....	11
	F. Public Participation.....	12
	G. Retention of Records.....	13
	H. Resolution of Disputes.....	13
	I. Extension of Schedule.....	15
	J. Amendment of Order.....	16
	K. Endangerment.....	16
	L. Reservation of Rights.....	17
	M. Transfer of Interest in Property.....	18
	N. Compliance with Applicable Laws.....	18
	O. Indemnification.....	19
IX.	SATISFACTION OF ORDER.....	20
X.	ENFORCEMENT.....	20

EXHIBIT A	Site Diagram
EXHIBIT B	Permit and Substantive Requirements

I. INTRODUCTION

The mutual objective of the State of Washington, Department of Ecology (Ecology) and The City of Olympia (the City) under this Agreed Order (Order) is to provide for remedial action at a facility where there has been a release or threatened release of hazardous substances. This Order requires the City to produce a remedial investigation/feasibility study (RI/FS) report. Ecology believes the actions required by this Order are in the public interest.

II. JURISDICTION

This Agreed Order is issued pursuant to the Model Toxics Control Act (MTCA), RCW 70.105D.050(1).

III. PARTIES BOUND

This Agreed Order shall apply to and be binding upon the Parties to this Order, their successors and assigns. The undersigned representative of each party hereby certifies that he or she is fully authorized to enter into this Order and to execute and legally bind such party to comply with this Order. The City agrees to undertake all actions required by the terms and conditions of this Order. No change in ownership or corporate status shall alter the City's responsibility under this Order. The City shall provide a copy of this Order to all agents, contractors, and subcontractors retained to perform work required by this Order, and shall ensure that all work undertaken by such agents, contractors, and subcontractors complies with this Order.

IV. DEFINITIONS

Unless otherwise specified herein, the definitions set forth in RCW 70.105D and WAC 173-340 shall control the meanings of the terms in this Order.

A. Site: The Site is referred to as Former West Olympia Landfill and is generally located at 1305 Cooper Point Road SW, Olympia, Washington 98502. The Site is defined by the extent of contamination caused by the release of hazardous substances at the Site. Based upon factors currently known to Ecology, the Site is generally described in the Site Diagram (Exhibit A). The Site constitutes a facility under RCW 70.105D.020(8).

B. Parties: Refers to the State of Washington, Department of Ecology and the City of Olympia.

C. Potentially Liable Person (PLP): Refers to the City of Olympia (the City).

D. Agreed Order or Order: Refers to this Order and each of the exhibits to this Order. All exhibits are integral and enforceable parts of this Order. The terms “Agreed Order” or “Order” shall include all exhibits to this Order.

V. FINDINGS OF FACT

Ecology makes the following findings of fact, without any express or implied admissions of such facts by the City:

A. The City of Olympia is the current owner of the Former West Olympia Landfill located at 1305 Cooper Point Road SW Olympia, Washington 98502 (property). This property was used as a municipal landfill by the City of Olympia from the mid-1940s to about 1968. Total property area is 12.33 acres. Refuse was burned and buried at the subject property. The site is currently vacant.

B. This site was evaluated under Washington Ranking System (WARM) and was assigned rank 4 (with 1 being the highest priority and 5 being the lowest priority).

C. Previous property investigations began in 1984 to characterize the extent of refuse, soil, soil-gas and groundwater contamination. The list of investigation reports includes the following:

Dames and Moore, September 1984. *Report of Geotechnical Services City of Olympia Landfill Olympia, Washington*. Consultant report prepared for City of Olympia.

Hart Crowser, June 1986. *On-Site Review and Testing 27-Acre Site Black Lake Blvd. and Cooper Point Road Olympia, Washington*. Consultant report prepared for Planmark, Inc.

Hart Crowser, June 1987. *Groundwater and Methane Evaluations 27-Acre Site Black Lake Blvd. and Cooper Road Olympia, Washington*. Consultant report prepared for Briar Development.

Parametrix, Inc., June 1992. *Analytical Results West Olympia Landfill Test Pit Samples*. Consultant letter report prepared for Owens, Davies, and Mackie.

U.S. Geological Survey, 1999. *Conceptual Model and Numerical Simulation of the Groundwater-Flow System in the Unconsolidated Sediments of Thurston County, Washington*. USGS, Department of Interior, in cooperation with the Thurston County Health Department. Report 99-4165.

Landau Associates. December 2000. *Environmental Investigations Proposed Home Depot Store Olympia, Washington*. Consultant report prepared for Home Depot U.S.A., Inc.

Zipper Zeman Associates, August 2003 *Groundwater Monitoring and Sampling, Former Olympia Landfill, Black Lake Boulevard, Olympia, Washington*. Consultant letter Report.

Landau Associates. October 2004. *Summary of Hydrogeologic Conditions West Olympia Landfill Property Olympia, Washington*. Consultant letter report to Southridge Properties, LLC.

Landau Associates. October 2005. *Drilling, Deep Well Installation, and Groundwater Sampling Activities West Olympia Landfill Property Olympia, Washington*. Consultant letter report to Southridge Properties, LLC.

Pacific Groundwater Group, Technical Memorandum, December 8, 2006, West Olympia Landfill Groundwater Investigation.

Ecology and Environment, Inc. August 13, 2013, Proposed Sampling Approach to Groundwater and Soil Gas.

Ecology and Environment, Inc. January 15, 2016, Trichloroethene (TCE) Concentration in Groundwater.

The following were learned from these investigations:

- a. As part of these investigations, approximately 67 test pits were dug, 26 borings were drilled, nine gas probes were installed, and 13 monitoring wells were installed throughout the site. Samples of waste material, soil, soil gas, and ground water were collected and tested as part of the previous investigations.
- b. Sample results from waste material and soil collected from test pits indicate the presence of eight metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver), eleven polynuclear aromatic hydrocarbons (PAHs) (naphthalene, 2-methylnaphthalene, phenanthrene, fluoranthene, pyrene, chrysene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, and benzo(g,h,i)perylene), four polychlorinated biphenyl (PCBs) (Aroclor 1242, Aroclor 1248, Aroclor 1254, and Aroclor 1260), two pesticides

(dichlorodiphenyldichloroethylene [4,4'-DDE] and dichlorodiphenyldichloroethane [4,4'-DDD]), motor oil and diesel-range hydrocarbons, and four volatile organic compounds (VOCs) (acetone, tetrachloroethene [PCE], toluene, and styrene).

Ground water samples collected from on-site monitoring wells completed in the shallow aquifer have detected ten metals (arsenic, barium, cadmium, chromium, lead, manganese, mercury, silver, iron and zinc), four VOCs (cis-1,2 dichloroethene, methylene chloride, naphthalene, and trichloroethene [TCE]), five semivolatile organic compounds (SVOCs) (2-methylnaphthalene, bis(2-ethylhexyl)phthalate, fluorene, pentachlorophenol, and phenanthrene), and PCBs.

TCE in groundwater is the only hazardous substance detected at the site in concentrations that exceed MTCA cleanup levels for unrestricted use. TCE has been detected in groundwater at concentrations greater than Washington State Department of Ecology (Ecology) Model Toxics Cleanup Act (MTCA) cleanup level of 5 µg/l in two monitoring wells located on the northwestern site boundary, which are completed within the shallow aquifer. Attempts have been made to install additional monitoring wells in the neighboring properties to determine the extent of groundwater contamination but access was never allowed by the property owners.

In addition, there are three shallow down-gradient wells, between approximately 1250 feet – 2500 feet north and northwest of the landfill boundary. One well, approximately 1500 feet north of the landfill boundary, showed TCE concentrations of 2.6 µg/l, 2.8 µg/l, 4.5 µg/l and 6.1 µg/l in March, June, September and December 2015, respectively. Two wells located northwest and outside of the landfill boundary have not shown detections of TCE.

One on-site well, also in the northwestern corner of the site is completed within the deeper aquifer. Sample results from this deeper well have detected the presence of one SVOC (bis(2-ethylhexyl)phthalate) and four metals (cadmium, manganese, mercury, and zinc).

Low levels of methane gas have been detected in test pits. Additional soil-gas surveys have shown detections of TCE, PCE, 1,3-butadiene, benzene, and hexane.

- c. The landfill is within the 10-year time-of-travel capture zone for the City's Allison Springs wellhead protection area (delineated in 2008) and according to the well monitoring results, there is no impact from the landfill on the City's water supply wells.

VI. ECOLOGY DETERMINATIONS

Ecology makes the following determinations, without any express or implied admissions of such determinations (and underlying facts) by the City.

- A. The City of Olympia is an “owner or operator” as defined in RCW 70.105D.020(22) of a “facility” as defined in RCW 70.105D.020(8).
- B. Based upon all factors known to Ecology, a “release” or “threatened release” of “hazardous substance(s)” as defined in RCW 70.105D.020(32) and (13), respectively, has occurred at the Site.
- C. Based upon credible evidence, Ecology issued a final PLP determination letter to the City dated September 13, 2016, pursuant to RCW 70.105D.040, .020(26), and WAC 173-340-500.
- D. Pursuant to RCW 70.105D.030(1) and .050(1), Ecology may require PLPs to investigate or conduct other remedial actions with respect to any release or threatened release of hazardous substances, whenever it believes such action to be in the public interest. Based on the foregoing facts, Ecology believes the remedial actions required by this Order are in the public interest.
- E. Under WAC 173-340-430, an interim action is a remedial action that is technically necessary to reduce a threat to human health or the environment by eliminating or substantially reducing one or more pathways for exposure to a hazardous substance, that corrects a problem that may become substantially worse or cost substantially more to address if the remedial action is delayed, or that is needed to provide for completion of a site hazard assessment, remedial investigation/feasibility study, or design of a cleanup action plan. Either party may propose an interim action under this Order. If the Parties are in agreement concerning the interim action, the Parties will follow the process in Section VIII.J. If the Parties are not in agreement, Ecology reserves its authority to require

interim action(s) under a separate order or other enforcement action under RCW 70.105D, or to undertake the interim action itself.

VII. WORK TO BE PERFORMED

Based on the Findings of Fact and Ecology Determinations, it is hereby ordered that the City take the following remedial actions at the Site and that these actions be conducted in accordance with WAC 173-340 unless otherwise specifically provided for herein:

- A. Submit agency review draft remedial investigation/feasibility (RI/FS) study within 120 days after effective date of this AO. Ecology expects the RI/FS would include a summary of the data from 1984-2016. After review of 1984-2016 data, it may be determined that there are data gaps.
- B. If it is determined that there are data gaps, then a data gaps work plan will be prepared and submitted within 60 days of notice from Ecology requesting data gap work plan.
- C. Implement the data gaps work plan within 60 days of receipt of Ecology's approval.
- D. Incorporate data gap study results into agency review draft RI/FS and submit to Ecology for review/comment and/or approval within 120 days after completing implementation of the data gap work plan.
- E. The City will provide Ecology with a progress report every 60 days during implementation of RI/FS work.
- F. All plans or other deliverables submitted by the City for Ecology's review and approval under the schedule shall, upon Ecology's approval, become integral and enforceable parts of this Order.
- G. If the Parties agree on an interim action under Section VI.E, the City shall prepare and submit to Ecology an Interim Action Work Plan, including a scope of work and schedule, by the date determined by mutual agreement of the parties. Ecology will provide public notice and opportunity to comment on the Interim

Action Work Plan in accordance with WAC 173-340-600(16). The PLP shall not conduct the interim action until Ecology approves the Interim Action Work Plan. Upon approval by Ecology, the Interim Action Work Plan becomes an integral and enforceable part of this Order, and the City is required to conduct the interim action in accordance with the approved Interim Action Work Plan.

- H. If Ecology determines that the City has failed to make sufficient progress or failed to implement the remedial action, in whole or in part, Ecology may, after notice to the City, perform any or all portions of the remedial action or at Ecology's discretion allow the City opportunity to correct. The City shall reimburse Ecology for the costs of doing such work in accordance with Section VIII.A (Remedial Action Costs). Ecology reserves the right to enforce requirements of this Order under Section X (Enforcement).
- I. Except where necessary to abate an emergency situation, the City shall not perform any remedial actions at the Site outside those remedial actions required by this Order, unless Ecology concurs, in writing, with such additional remedial actions.

VIII. TERMS AND CONDITIONS

A. Remedial Action Costs

The City shall pay to Ecology costs incurred by Ecology pursuant to this Order and consistent with WAC 173-340-550(2). These costs shall include work performed by Ecology or its contractors for, or on, the Site under RCW 70.105D, including remedial actions and Order preparation, negotiation, oversight, and administration. These costs shall include work performed both prior to and subsequent to the issuance of this Order. Ecology's costs shall include costs of direct activities and support costs of direct activities as defined in WAC 173-340-550(2). Ecology has accumulated \$4,393.20 in remedial action costs related to this Site as of September 30th, 2016. Payment for this amount shall be submitted within thirty (30) days of the effective date of this Order. For all costs incurred subsequent to September 30th,

2016, the City shall pay the required amount within thirty (30) days of receiving from Ecology an itemized statement of costs that includes a summary of costs incurred, an identification of involved staff, and the amount of time spent by involved staff members on the project. A general statement of work performed will be provided upon request. Itemized statements shall be prepared quarterly. Pursuant to WAC 173-340-550(4), failure to pay Ecology's costs within ninety (90) days of receipt of the itemized statement of costs will result in interest charges at the rate of twelve percent (12%) per annum, compounded monthly.

In addition to other available relief, pursuant to RCW 19.16.500, Ecology may utilize a collection agency and/or, pursuant to RCW 70.105D.055, file a lien against real property subject to the remedial actions to recover unreimbursed remedial action costs.

B. Designated Project Coordinators

The project coordinator for Ecology is:

Mohsen Kourehdar, P.E.
Department of Ecology
Southwest Regional Office
PO Box 47775
Olympia, WA 98504-7775
(360) 407-6256

The project coordinator for the City is:

Donna Buxton, LHG
Olympia City Hall
601 4th Avenue East
Olympia, WA 98501
(360) 753-8793

Each project coordinator shall be responsible for overseeing the implementation of this Order. Ecology's project coordinator will be Ecology's designated representative for the Site. To the maximum extent possible, communications between Ecology and the City, and all documents, including reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Order shall be directed through the project coordinators. The project coordinators may designate, in writing, working level staff contacts for all or portions of the implementation of the work to be performed required by this Order.

Any party may change its respective project coordinator. Written notification shall be given to the other party at least ten (10) calendar days prior to the change.

C. Performance

All geologic and hydrogeologic work performed pursuant to this Order shall be under the supervision and direction of a geologist or hydrogeologist licensed by the State of Washington or under the direct supervision of an engineer registered by the State of Washington, except as otherwise provided for by RCW 18.43 and 18.220.

All engineering work performed pursuant to this Order shall be under the direct supervision of a professional engineer registered by the State of Washington, except as otherwise provided for by RCW 18.43.130.

All construction work performed pursuant to this Order shall be under the direct supervision of a professional engineer or a qualified technician under the direct supervision of a professional engineer. The professional engineer must be registered by the State of Washington, except as otherwise provided for by RCW 18.43.130.

Any documents submitted containing geologic, hydrologic, or engineering work shall be under the seal of an appropriately licensed professional as required by RCW 18.43 and 18.220.

The City shall notify Ecology in writing of the identity of any engineer(s) and geologist(s), contractor(s) and subcontractor(s), and others to be used in carrying out the terms of this Order, in advance of their involvement at the Site.

D. Access

Ecology or any Ecology authorized representative shall have access to enter and freely move about all property at the Site that the City either owns, controls, or has access rights to at all reasonable times for the purposes of, *inter alia*: inspecting records, operation logs, and contracts related to the work being performed pursuant to this Order; reviewing the City's progress in carrying out the terms of this Order; conducting such tests or collecting such samples as Ecology may deem necessary; using a camera, sound recording, or other documentary type equipment to record work done pursuant to this Order; and verifying the data submitted to

Ecology by the City. The City shall make all reasonable efforts to secure access rights for those properties within the Site not owned or controlled by the City where remedial activities or investigations will be performed pursuant to this Order. Ecology or any Ecology authorized representative shall give reasonable notice before entering any Site property owned or controlled by the City unless an emergency prevents such notice. All persons who access the Site pursuant to this section shall comply with any applicable health and safety plan(s). Ecology employees and their representatives shall not be required to sign any liability release or waiver as a condition of Site property access.

E. Sampling, Data Submittal, and Availability

With respect to the implementation of this Order, the City shall make the results of all sampling, laboratory reports, and/or test results generated by it or on its behalf available to Ecology. Pursuant to WAC 173-340-840(5), all sampling data shall be submitted to Ecology in both printed and electronic formats in accordance with Section VII (Work to be Performed), Ecology's Toxics Cleanup Program Policy 840 (Data Submittal Requirements), and/or any subsequent procedures specified by Ecology for data submittal.

If requested by Ecology, the City shall allow Ecology and/or its authorized representative to take split or duplicate samples of any samples collected by the City pursuant to implementation of this Order. The City shall notify Ecology seven (7) days in advance of any sample collection or work activity at the Site. Ecology shall, upon request, allow the City and/or its authorized representative to take split or duplicate samples of any samples collected by Ecology pursuant to the implementation of this Order, provided that doing so does not interfere with Ecology's sampling. Without limitation on Ecology's rights under Section VIII.D (Access), Ecology shall notify the City seven (7) days in advance of any sample collection activity unless an emergency prevents such notice.

In accordance with WAC 173-340-830(2)(a), all hazardous substance analyses shall be conducted by a laboratory accredited under WAC 173-50 for the specific analyses to be conducted, unless otherwise approved by Ecology.

F. Public Participation

Ecology shall maintain the responsibility for public participation at the Site. However, the City shall cooperate with Ecology, and shall:

1. If agreed to by Ecology, develop appropriate mailing lists and prepare drafts of public notices and fact sheets at important stages of the remedial action, such as the submission of work plans, remedial investigation/feasibility study reports, cleanup action plans, and engineering design reports. As appropriate, Ecology will edit, finalize, and distribute such fact sheets and prepare and distribute public notices of Ecology's presentations and meetings.

2. Notify Ecology's project coordinator prior to the preparation of all press releases and fact sheets, and before major meetings with the interested public and local governments. Likewise, Ecology shall notify the City prior to the issuance of all press releases and fact sheets, and before major meetings with the interested public and local governments. For all press releases, fact sheets, meetings, and other outreach efforts by the City that do not receive prior Ecology approval, the City shall clearly indicate to its audience that the press release, fact sheet, meeting, or other outreach effort was not sponsored or endorsed by Ecology.

3. When requested by Ecology, participate in public presentations on the progress of the remedial action at the Site. Participation may be through attendance at public meetings to assist in answering questions or as a presenter.

4. When requested by Ecology, arrange and/or continue information repositories to be located at the following locations:

- a. Timberland Public Library
313 8th Avenue SE
Olympia, WA 98501
(360) 352-0595
- b. Ecology's Southwest Regional Office
300 Desmond Drive
Lacey, WA 98503-1274

(360) 407-6300

At a minimum, copies of all public notices, fact sheets, and documents relating to public comment periods shall be promptly placed in these repositories. A copy of all documents related to this Site shall be maintained in the repository at Ecology's Southwest Regional Office in Lacey, Washington.

G. Retention of Records

During the pendency of this Order, and for ten (10) years from the date of completion of work performed pursuant to this Order, the City shall preserve all records, reports, documents, and underlying data in its possession relevant to the implementation of this Order and shall insert a similar record retention requirement into all contracts with project contractors and subcontractors. Upon request of Ecology, the City shall make all records available to Ecology and allow access for review within a reasonable time.

Nothing in this Order is intended to waive any right the City may have under applicable law to limit disclosure of documents protected by the attorney work-product privilege and/or the attorney-client privilege. If the City withholds any requested records based on an assertion of privilege, the City shall provide Ecology with a privilege log specifying the records withheld and the applicable privilege. No Site-related data collected pursuant to this Order shall be considered privileged.

H. Resolution of Disputes

1. In the event that the City elects to invoke dispute resolution the City must utilize the procedure set forth below.

a. Upon the triggering event (receipt of Ecology's project coordinator's written decision or an itemized billing statement), the City has fourteen (14) calendar days within which to notify Ecology's project coordinator in writing of its dispute ("Informal Dispute Notice").

b. The Parties' project coordinators shall then confer in an effort to resolve the dispute informally. The parties shall informally confer for up to fourteen (14)

calendar days from receipt of the Informal Dispute Notice. If the project coordinators cannot resolve the dispute within those 14 calendar days, then within seven (7) calendar days Ecology's project coordinator shall issue a written decision ("Informal Dispute Decision") stating: the nature of the dispute; the City's position with regards to the dispute; Ecology's position with regards to the dispute; and the extent of resolution reached by informal discussion.

c. The City may then request regional management review of the dispute. This request ("Formal Dispute Notice") must be submitted in writing to the Southwest Region Toxics Cleanup Section Manager within seven (7) calendar days of receipt of Ecology's Informal Dispute Decision. The Formal Dispute Notice shall include a written statement of dispute setting forth: the nature of the dispute; the disputing Party's position with respect to the dispute; and the information relied upon to support its position.

d. The Section Manager shall conduct a review of the dispute and shall issue a written decision regarding the dispute ("Decision on Dispute") within thirty (30) calendar days of receipt of the Formal Dispute Notice. The Decision on Dispute shall be Ecology's final decision on the disputed matter.

2. The Parties agree to only utilize the dispute resolution process in good faith and agree to expedite, to the extent possible, the dispute resolution process whenever it is used.

3. Implementation of these dispute resolution procedures shall not provide a basis for delay of any activities required in this Order, unless Ecology agrees in writing to a schedule extension.

4. In case of a dispute, failure to either proceed with the work required by this Order or timely invoke dispute resolution may result in Ecology's determination that insufficient progress is being made in preparation of a deliverable, and may result in Ecology undertaking the work under Section VII.E (Work to be Performed) or initiating enforcement under Section X (Enforcement).

I. Extension of Schedule

1. An extension of schedule shall be granted only when a request for an extension is submitted in a timely fashion, generally at least thirty (30) days prior to expiration of the deadline for which the extension is requested, and good cause exists for granting the extension.

All extensions shall be requested in writing. The request shall specify:

- a. The deadline that is sought to be extended;
- b. The length of the extension sought;
- c. The reason(s) for the extension; and
- d. Any related deadline or schedule that would be affected if the extension were granted.

2. The burden shall be on the City to demonstrate to the satisfaction of Ecology that the request for such extension has been submitted in a timely fashion and that good cause exists for granting the extension. Good cause may include, but may not be limited to:

- a. Circumstances beyond the reasonable control and despite the due diligence of the City including delays caused by unrelated third parties or Ecology, such as (but not limited to) delays by Ecology in reviewing, approving, or modifying documents submitted by the City;
- b. Acts of God, including fire, flood, blizzard, extreme temperatures, storm, or other unavoidable casualty; or
- c. Endangerment as described in Section VIII.K (Endangerment).

However, neither increased costs of performance of the terms of this Order nor changed economic circumstances shall be considered circumstances beyond the reasonable control of the City.

3. Ecology shall act upon any written request for extension in a timely fashion. Ecology shall give the City written notification of any extensions granted pursuant to this Order. A requested extension shall not be effective until approved by Ecology. Unless the extension is

a substantial change, it shall not be necessary to amend this Order pursuant to Section VIII.J (Amendment of Order) when a schedule extension is granted.

4. An extension shall only be granted for such period of time as Ecology determines is reasonable under the circumstances. Ecology may grant schedule extensions exceeding ninety (90) days only as a result of:

- a. Delays in the issuance of a necessary permit which was applied for in a timely manner;
- b. Other circumstances deemed exceptional or extraordinary by Ecology; or
- c. Endangerment as described in Section VIII.K (Endangerment).

J. Amendment of Order

The project coordinators may verbally agree to minor changes to the work to be performed without formally amending this Order. Minor changes will be documented in writing by Ecology within seven (7) days of verbal agreement.

Except as provided in Section VIII.L (Reservation of Rights), substantial changes to the work to be performed shall require formal amendment of this Order. This Order may only be formally amended by the written consent of both Ecology and the City. The City shall submit a written request for amendment to Ecology for approval. Ecology shall indicate its approval or disapproval in writing and in a timely manner after the written request for amendment is received. If the amendment to this Order represents a substantial change, Ecology will provide public notice and opportunity to comment. Reasons for the disapproval of a proposed amendment to this Order shall be stated in writing. If Ecology does not agree to a proposed amendment, the disagreement may be addressed through the dispute resolution procedures described in Section VIII.H (Resolution of Disputes).

K. Endangerment

In the event Ecology determines that any activity being performed at the Site under this Order is creating or has the potential to create a danger to human health or the environment on or surrounding the Site, Ecology may direct the City to cease such activities for such period of time

as it deems necessary to abate the danger. The City shall immediately comply with such direction.

In the event the City determines that any activity being performed at the Site under this Order is creating or has the potential to create a danger to human health or the environment, the City may cease such activities. The City shall notify Ecology's project coordinator as soon as possible, but no later than twenty-four (24) hours after making such determination or ceasing such activities. Upon Ecology's direction, the City shall provide Ecology with documentation of the basis for the determination or cessation of such activities. If Ecology disagrees with the City's cessation of activities, it may direct the City to resume such activities.

If Ecology concurs with or orders a work stoppage pursuant to this section, the City's obligations with respect to the ceased activities shall be suspended until Ecology determines the danger is abated, and the time for performance of such activities, as well as the time for any other work dependent upon such activities, shall be extended in accordance with Section VIII.I (Extension of Schedule) for such period of time as Ecology determines is reasonable under the circumstances.

Nothing in this Order shall limit the authority of Ecology, its employees, agents, or contractors to take or require appropriate action in the event of an emergency.

L. Reservation of Rights

This Order is not a settlement under RCW 70.105D. Ecology's signature on this Order in no way constitutes a covenant not to sue or a compromise of any of Ecology's rights or authority. Ecology will not, however, bring an action against the City to recover remedial action costs paid to and received by Ecology under this Order. In addition, Ecology will not take additional enforcement actions against the City regarding remedial actions required by this Order, provided the City complies with this Order.

Ecology nevertheless reserves its rights under RCW 70.105D, including the right to require additional or different remedial actions at the Site should it deem such actions necessary to protect human health and the environment, and to issue orders requiring such remedial actions.

Ecology also reserves all rights regarding the injury to, destruction of, or loss of natural resources resulting from the release or threatened release of hazardous substances at the Site.

By entering into this Order, the City does not admit to any liability for the Site. Although the City is committing to conducting the work required by this Order under the terms of this Order, the City expressly reserves all rights available under law, including but not limited to the right to seek cost recovery or contribution against third parties, and the right to assert any defenses to liability in the event of enforcement.

M. Transfer of Interest in Property

No voluntary conveyance or relinquishment of title, easement, leasehold, or other interest in any portion of the Site shall be consummated by the City without provision for continued implementation of all requirements of this Order and implementation of any remedial actions found to be necessary as a result of this Order.

Prior to the City's transfer of any interest in all or any portion of the Site, and during the effective period of this Order, the City shall provide a copy of this Order to any prospective purchaser, lessee, transferee, assignee, or other successor in said interest; and, at least thirty (30) days prior to any transfer, the City shall notify Ecology of said transfer. Upon transfer of any interest, the City shall notify all transferees of the restrictions on the activities and uses of the property under this Order and incorporate any such use restrictions into the transfer documents.

N. Compliance with Applicable Laws

1. All actions carried out by the City pursuant to this Order shall be done in accordance with all applicable federal, state, and local requirements, including requirements to obtain necessary permits, except as provided in RCW 70.105D.090. The permits or specific federal, state, or local requirements that the agency has determined are applicable and that are known at the time of the execution of this Order have been identified in Exhibit B.

2. Pursuant to RCW 70.105D.090(1), the City is exempt from the procedural requirements of RCW 70.94, 70.95, 70.105, 77.55, 90.48, and 90.58 and of any laws requiring or authorizing local government permits or approvals. However, the City shall comply with the

substantive requirements of such permits or approvals. The exempt permits or approvals and the applicable substantive requirements of those permits or approvals, as they are known at the time of the execution of this Order, have been identified in Exhibit B.

The City has a continuing obligation to determine whether additional permits or approvals addressed in RCW 70.105D.090(1) would otherwise be required for the remedial action under this Order. In the event either Ecology or the City determines that additional permits or approvals addressed in RCW 70.105D.090(1) would otherwise be required for the remedial action under this Order, it shall promptly notify the other party of its determination. Ecology shall determine whether Ecology or the City shall be responsible to contact the appropriate state and/or local agencies. If Ecology so requires, the City shall promptly consult with the appropriate state and/or local agencies and provide Ecology with written documentation from those agencies of the substantive requirements those agencies believe are applicable to the remedial action. Ecology shall make the final determination on the additional substantive requirements that must be met by the City and on how the City must meet those requirements. Ecology shall inform the City in writing of these requirements. Once established by Ecology, the additional requirements shall be enforceable requirements of this Order. The City shall not begin or continue the remedial action potentially subject to the additional requirements until Ecology makes its final determination.

3. Pursuant to RCW 70.105D.090(2), in the event Ecology determines that the exemption from complying with the procedural requirements of the laws referenced in RCW 70.105D.090(1) would result in the loss of approval from a federal agency that is necessary for the state to administer any federal law, the exemption shall not apply and the City shall comply with both the procedural and substantive requirements of the laws referenced in RCW 70.105D.090(1), including any requirements to obtain permits.

O. Indemnification

The City agrees to indemnify and save and hold the State of Washington, its employees, and agents harmless from any and all claims or causes of action (1) for death or injuries to

persons, or (2) for loss or damage to property, to the extent arising from or on account of acts or omissions of the City, its officers, employees, agents, or contractors in entering into and implementing this Order. However, the City shall not indemnify the State of Washington nor save nor hold its employees and agents harmless from any claims or causes of action to the extent arising out of the negligent acts or omissions of the State of Washington, or the employees or agents of the State, in entering into or implementing this Order.

IX. SATISFACTION OF ORDER

The provisions of this Order shall be deemed satisfied upon the City's receipt of written notification from Ecology that the City has completed the remedial activity required by this Order, as amended by any modifications, and that the City has complied with all other provisions of this Agreed Order.

X. ENFORCEMENT

Pursuant to RCW 70.105D.050, this Order may be enforced as follows:

- A. The Attorney General may bring an action to enforce this Order in a state or federal court.
- B. The Attorney General may seek, by filing an action, if necessary, to recover amounts spent by Ecology for investigative and remedial actions and orders related to the Site.
- C. A liable party who refuses, without sufficient cause, to comply with any term of this Order will be liable for:
 1. Up to three (3) times the amount of any costs incurred by the State of Washington as a result of its refusal to comply.
 2. Civil penalties of up to twenty-five thousand dollars (\$25,000) per day for each day it refuses to comply.
- D. This Order is not appealable to the Washington Pollution Control Hearings Board.

This Order may be reviewed only as provided under RCW 70.105D.060.

Effective date of this Order: October 2, 2017

The City of Olympia



Steve Hall
City Manager
601 4th Avenue East
Olympia, Washington
(360) 753-8447

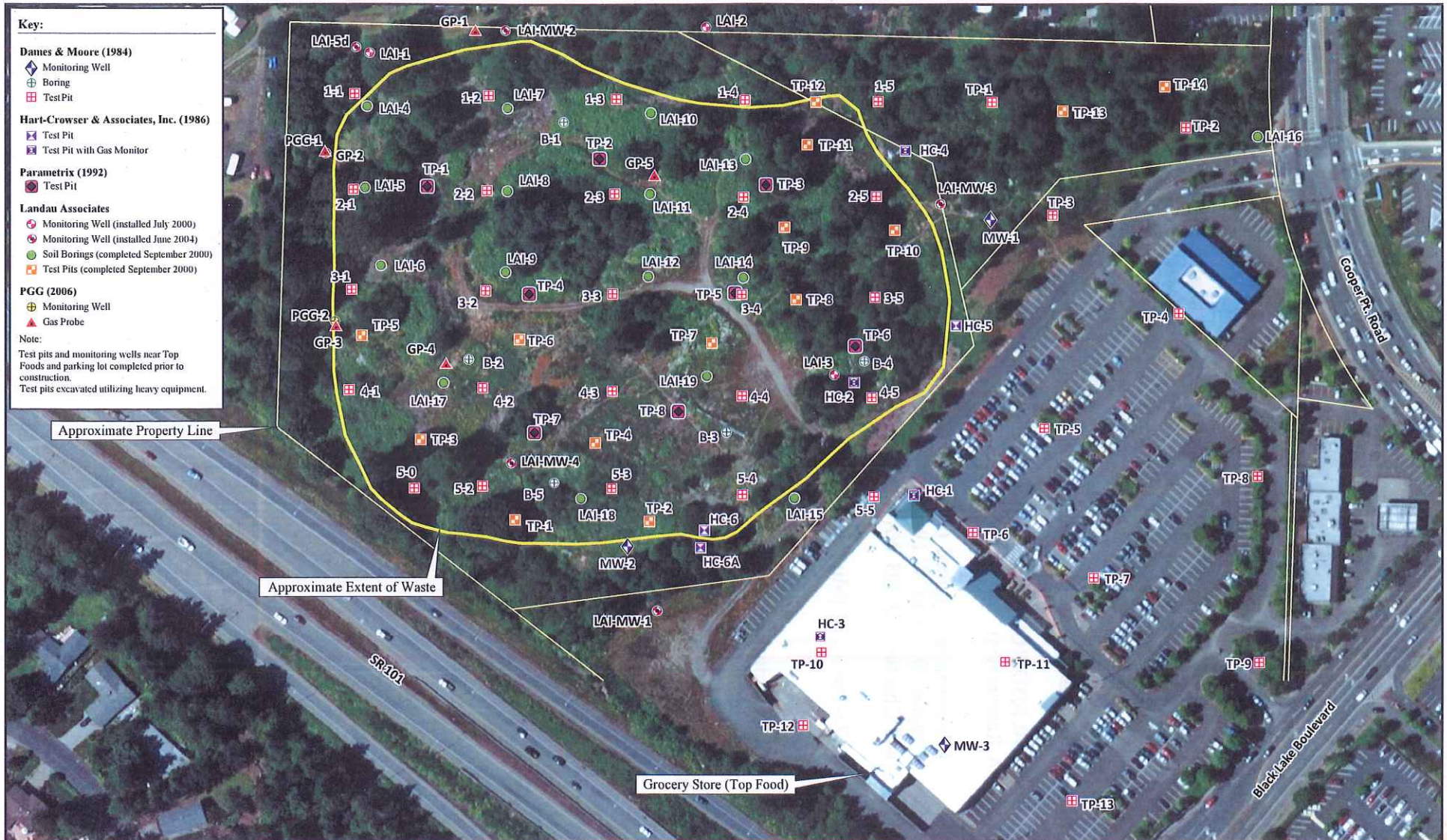
STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY



Rebecca S. Lawson, P.E., L.H.G.
Section Manager
Toxics Cleanup Program
Southwest Regional Office
(360) 407-6241

Exhibit A

Site Diagram and Monitoring Wells Locations



Key:

Dames & Moore (1984)
 ◆ Monitoring Well
 ⊕ Boring
 ⊞ Test Pit

Hart-Crowser & Associates, Inc. (1986)
 ⊞ Test Pit
 ⊞ Test Pit with Gas Monitor

Parametrix (1992)
 ⊞ Test Pit

Landau Associates
 ◆ Monitoring Well (installed July 2000)
 ◆ Monitoring Well (installed June 2004)
 ○ Soil Borings (completed September 2000)
 ⊞ Test Pits (completed September 2000)

PGG (2006)
 ⊕ Monitoring Well
 ▲ Gas Probe

Note:
 Test pits and monitoring wells near Top Foods and parking lot completed prior to construction.
 Test pits excavated utilizing heavy equipment.

ecology and environment, inc.
 Global Environmental Specialists
 Seattle, Washington



WEST OLYMPIA LANDFILL
 Olympia, Washington

0 125 250
 Approximate Scale in Feet

Sources: ©2013 Microsoft Corporation; Hart-Crowser & Associates, Inc. 1986; Landau Associates 2000; PGG 2006.

Figure 1
 PREVIOUS SAMPLE LOCATION MAP

Date: 7/22/13
 Drawn by: AES
 10:START-3\13030007\fig 2

Exhibit B

Permits and Substantive Requirements

Laws and regulations addressing permits or federal, state, or local requirements that Ecology believes may be applicable at the time of entry of this AO are listed below. This list may not include all pertinent laws and regulations. Work performed shall be in accordance with the substantive requirements of any applicable law or regulation.

Substantive Requirements Associated with this Action:

1. Chapter 70.105D RCW (Model Toxics Control Act), and Chapter 173-340 WAC (MTCA Regulations).
 - Implement this Agreed Order:
Chapter 70.105 RCW (Washington State Hazardous Waste Management Act), and Chapter 173-303 WAC (State Dangerous Waste Regulations).
2. Chapter 173-160 RCW (Minimum Standards for Construction and Maintenance of Wells).
 - Records documenting well destructions and installations will be submitted by a licensed contractor.
3. Washington Industrial Safety and Health Act (WISHA).
 - Contractor will develop a written Health and Safety Plan (HASP) if data gaps are identified that require field work.