

**STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY**

In the Matter of Remedial Action by:

MR. RAJBIR SANDHU and  
MS. PRADEEP SANDHU

RPNP CORPORATION

CHEVRON ENVIRONMENTAL  
MANAGEMENT COMPANY,

AGREED ORDER

No. DE 10947

TO: MR. RAJBIR SANDHU and MS. PRADEEP SANDHU  
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TUKWILA, WA 98168

RPNP CORPORATION  
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## **I. INTRODUCTION**

The mutual objective of the State of Washington, Department of Ecology (Ecology) and Rajbir Sandhu, Pradeep Sandhu, and RPNP Corporation (collectively, “Sandhu”) and Chevron Environmental Management Company (Chevron) under this Agreed Order (Order) is to enable a cleanup action to be selected for a facility where there has been a release or threatened release of hazardous substances. This Order requires Sandhu and Chevron to conduct an interim action and to complete a Remedial Investigation (RI), Feasibility Study (FS), and prepare a preliminary Draft Cleanup Action Plan (DCAP) for the site located at 10805 East Marginal Way South in Tukwila, Washington. 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. Sandhu and Chevron agree to undertake all actions required by the terms and conditions of this Order. No change in ownership or corporate status shall alter Sandhu and Chevron’s responsibility under this Order. Sandhu and Chevron 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 Chapter 70.105D RCW and Chapter 173-340 WAC shall control the meanings of the terms in this Order.

A. Site: The Site is referred to as Boeing Field Chevron. Previously, the Site has been referred to as Boeing Field Chevron and Sandhu Chevron Mini Mart. The Site is generally located at 10805 Tukwila International Boulevard, South Tukwila, WA 98168. 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 more particularly 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 Sandhu and Chevron.

C. Potentially Liable Persons (PLPs): Refers to Rajbir Sandhu, Pradeep Sandhu, and RPNP Corporation (collectively, "Sandhu") and Chevron Environmental Management Company.

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.

E. Light non-aqueous phase liquids (LNAPL): A hazardous substance that is present in the soil, bedrock, groundwater or surface water as a liquid not dissolved in water. An LNAPL is one of a group of organic substances that are relatively insoluble in water and are less dense than water. LNAPLs, such as oil, tend to spread across the surface of the water table and form a layer on top of the water table.

## V. FINDINGS OF FACT

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

A. The Site is generally located between Pacific Highway South and East Marginal Way immediately south of the South Boeing Access Road in Tukwila, Washington. King County parcel number 0323049064, which covers 0.61 acres, is located within the Site. The Site is located approximately 250 feet east of the Lower Duwamish Waterway and approximately one half mile southwest of Boeing Field.

B. Property within the Site was reportedly developed as a gasoline service station by approximately 1940. Standard Oil and Chevron operated the service station from at least the late 1960s to the mid 1980s. According to King County Assessor's records, King County parcel number 0323049064 was purchased by Pradeep Sandhu in 1995, when the current facilities at the property were constructed and began operation as Boeing Field Chevron. Pradeep Sandhu quitclaimed an interest in the property to Rajbir Sandhu and Pradeep Sandhu, as community property, in 1996, and they are both current owners of the property. Washington State Business Licensing Service records demonstrate that Rajbir Sandhu was the sole proprietor of the entity that has Boeing Field Chevron Mini Mart as one of its registered trade names at the time of a release in 2003. The Washington Secretary of State website indicates that RPNP Corporation with Rajbir Sandhu as a Governing Person for the Corporation was formed in 2008 and sometime thereafter, it became the current operator of the facilities at the property. The property currently includes three underground storage tanks with associated pump islands and dispensers, a car wash and a mini-mart building. The service station sells Chevron branded gasoline and diesel fuel.

C. Eight underground storage tanks (USTs), three pump islands and the former service station building were removed from the Site in 1990 by Chevron. Chevron reported to Ecology that a release had occurred at the Site in 1990 during removal of the USTs formerly operated by Chevron at the Site. Two additional USTs were removed from the Site in 1992, and at least 2,500 cubic yards of petroleum contaminated soils were removed from the Site between 1990 and 1995. A second release was reported to Ecology by Chevron for the UST that was removed from the Site in 1996, and soils with concentrations of oil- and diesel-range petroleum hydrocarbons above MTCA cleanup levels reportedly remained after removal of the UST. Petroleum hydrocarbons dissolved in groundwater decreased in Site monitoring wells, but continued to contain concentrations of gasoline-range hydrocarbons and benzene, or diesel-range hydrocarbons greater than MTCA cleanup levels in monitoring wells W-10, MW-11, and MW-12. These elevated concentrations were still present in 2003, when a new release of gasoline was identified at the Site. The contamination from the releases reported in 1990 and 2003 are commingled in the area between monitoring wells MW-10, MW-11, and MW-12, however contamination may not be limited to this area.

D. In 2003, a new release was reported to Ecology by the contractor for Chevron that was conducting groundwater monitoring and sampling activities. Approximately 3.5 to 4 feet of free-phase light non-aqueous phase liquids (LNAPL) were detected in May and November of 2003 in monitoring well MW-11. LNAPL had not been observed in this well prior to May 2003.

E. Environmental investigations and independent cleanups at the Site revealed LNAPL floating on the groundwater surface in several well locations at the Site. LNAPL

was measured to be 4.16 feet thick in 2003, and was measured up to 1.51 feet in March 2012. These contaminants are hazardous substances under WAC 173-340-200 and are found as LNAPL which require cleanup using normally accepted engineering practices under WAC 173-340-360(2)(c)(ii)(A) if they cannot be reliably contained.

F. Ecology's records regarding UST Enforcements and Violations issued for the Boeing Field Chevron site during the period from January 1, 2003 through December 30, 2004 show five violations or field citations during a UST Compliance Inspection conducted June 25, 2003

G. Diesel- and gasoline-range hydrocarbons, benzene, toluene, ethylbenzene, and xylenes have been detected in soil and groundwater samples collected from the Site at concentrations above MTCA cleanup levels. These contaminants are hazardous substances under WAC 173-340-200, and may pose a threat to human health and the environment.

## **VI. ECOLOGY DETERMINATIONS**

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

A. Sandhu are an "owner or operator" as defined in RCW 70.105D.020(22) of a "facility" as defined in RCW 70.105D.020(8).

B. Chevron was an "owner or operator" as defined in RCW 70.105D.020(22) of the "facility" as defined in RCW 70.105D.020(8) at the time of disposal or release of the hazardous substances.

C. 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.

D. Based upon credible evidence, Ecology issued a PLP Notice letter to Rajbir Sandhu dated September 27, 2012, pursuant to RCW 70.105D.040, .020(26), and WAC 173-340-500. After providing for notice and opportunity for comment, reviewing any comments submitted, and concluding that credible evidence supported a finding of potential liability, Ecology issued a determination that Rajbir Sandhu is a PLP under RCW 70.105D.040 and notified Rajbir Sandhu of this determination by letter dated January 15, 2013.

E. Based upon credible evidence and after consulting with the attorney for Pradeep and Rajbir Sandhu, Ecology modified Rajbir Sandhu's PLP determination letter dated January 15, 2013 to include Pradeep Sandhu. After providing for notice and opportunity for comment, reviewing any comments submitted, and concluding that credible evidence supported a finding of potential liability, Ecology issued a determination that Pradeep Sandhu and Rajbir Sandhu are PLPs under RCW 70.105D.040 and notified Rajbir Sandhu of this determination by letter dated July 8, 2014.

F. Based upon credible evidence, Ecology issued a PLP status letter to RPNP Corporation dated July 8, 2014, pursuant to RCW 70.105D.040, .020(26), and WAC 173-340-500. After providing for notice and opportunity for comment, reviewing any comments submitted, and concluding that credible evidence supported a finding of potential liability, Ecology issued a determination that RPNP Corporation is a PLP under RCW 70.105D.040 and notified Rajbir Sandhu of this determination by letter dated August 15, 2014.

G. Based upon credible evidence, Ecology issued a PLP Notice letter to Chevron dated September 27, 2012, pursuant to RCW 70.105D.040, .020(26), and WAC



173-340-500. After providing for notice and opportunity for comment, reviewing any comments submitted, and concluding that credible evidence supported a finding of potential liability, Ecology issued a determination by letter dated January 15, 2013.

H. Multiple releases of diesel- and gasoline-range hydrocarbons, benzene, toluene, ethylbenzene, and xylenes have occurred to soil and groundwater in the same area of the Site, and the releases cannot be distinguished and remediated separately, therefore the releases are treated as one cleanup site.

I. 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.

J. 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. Free product is present on the ground water table at the Site. The Site is located within approximately 250 feet of the Lower Duwamish Waterway. Based on these circumstances, Ecology has determined that an interim action is warranted under WAC 173-340-430.

Either party may propose an additional interim action under this Order. If the Parties are in agreement concerning the additional interim action, the Parties will follow the process in Section VII.E. If the Parties are not in agreement, Ecology reserves its authority to require additional interim action(s) under a separate order or other enforcement action under Chapter 70.105D RCW, 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 PLPs take the following remedial actions at the Site and that these actions be conducted in accordance with Chapter 173-340 WAC unless otherwise specifically provided for herein:

A. The PLPs shall prepare a Work Plan to conduct a Remedial Investigation (RI). After approval of the RI work plan by Ecology, the PLPs shall implement the RI work plan. The PLPs shall provide Ecology with an Agency Review Draft RI Report and an Agency Review Draft FS Report. These Reports may be submitted together as an Agency Review Draft RI/FS Report. After Ecology has approved the RI and FS Report as a Public Review Draft document, the PLPs will prepare a preliminary DCAP. These deliverables will be prepared in accordance with Exhibit B, "Scope of Work", which is incorporated by reference as an enforceable part of this Order.

B. The schedule of work performance and list of deliverables is described in Exhibit C, "Schedule of Deliverables" and is incorporated by reference as an enforceable part of this Order.

C. All plans or other deliverables submitted by PLPs for Ecology's review and approval under the Scope of Work and Schedule (Exhibits B and C) shall, upon Ecology's approval, become integral and enforceable parts of this Order.

D. The PLPs shall submit Quarterly Progress Reports. Progress reports shall be submitted to Ecology until satisfaction of the AO in accordance with Section IX of the AO. Progress Reports shall be submitted to the Ecology project coordinator by the 15th of the month following the reporting period. If this day is a weekend or holiday, deliverables will be submitted to Ecology on the next business day. At a minimum, progress reports shall contain the following information regarding the preceding reporting period:

1. A description of the actions which have been taken to comply with the AO.
2. Summaries of sampling and testing reports and other data reports received by the PLPs.
3. Summaries of deviations from approved work plans.
4. Summaries of contacts with representatives of the local community, public interest groups, press, and federal, state, or tribal governments.
5. Summaries of problems or anticipated problems in meeting the schedule or objectives set forth in the SOW and Work Plan.
6. Summaries of solutions developed and implemented or planned to address any actual or anticipated problems or delays.
7. Changes in key personnel.
8. A description of work planned for the next reporting period.

E. The PLPs will prepare an Interim Action Work Plan in accordance with the schedule and as specified in Task 3 of Exhibit B, Scope of Work. Ecology will provide public notice and opportunity to comment on the Interim Action Work Plan in accordance

with WAC 173-340-600(16). The PLPs 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 PLPs are required to conduct the interim action in accordance with the approved Interim Action Work Plan.

F. If the Parties agree on an additional interim action under Section VI.G, the PLPs shall prepare and submit to Ecology an Interim Action Work Plan, including a scope of work and schedule, by the date determined by Ecology. 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 additional 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 PLPs are required to conduct the interim action in accordance with the approved Interim Action Work Plan.

G. If Ecology determines that the PLPs have failed to make sufficient progress or failed to implement the remedial action, in whole or in part, Ecology may, after notice to the PLPs, perform any or all portions of the remedial action or at Ecology's discretion allow the PLPs opportunity to correct. The PLPs shall reimburse Ecology for the costs of doing such work in accordance with Section VIII.A (Remedial Action Costs).

H. Except where necessary to abate an emergency situation, the PLPs 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 PLPs 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 Chapter 70.105D RCW, 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 \$36,025 in remedial action costs related to this Site as of December 31, 2014. Payment for this amount shall be submitted within ninety (90) days of the effective date of this Order. For all costs incurred subsequent to [insert same date], the PLPs shall pay the required amount within ninety (90) 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. Implementation of Remedial Action**

If Ecology determines that the PLPs have failed without good cause to implement the remedial action, in whole or in part, Ecology may, after notice to the PLPs, perform any or all portions of the remedial action that remain incomplete. If Ecology performs all or portions of the remedial action because of the PLPs' failure to comply with its obligations under this Order, the PLPs shall reimburse Ecology for the costs of doing such work in accordance with Section VIII.A (Remedial Action Costs), provided that the PLPs are not obligated under this section to reimburse Ecology for costs incurred for work inconsistent with or beyond the scope of this Order.

Except where necessary to abate an emergency situation, the PLPs 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.

**C. Designated Project Coordinators**

The project coordinator for Ecology is:

Dale Myers  
Washington Department of Ecology  
Northwest Regional Office  
Toxics Cleanup Program  
3190 160th Avenue SE  
Bellevue, WA 98008  
Telephone: (425) 649-4446  
Fax: (425) 649-7161  
damy461@ecy.wa.gov

The project coordinators for PLPs are:

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Project Manager  
Chevron Environmental Management Company  
Marketing Business Unit  
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BR1X – Room 5315  
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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 PLPs, 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.

**D. 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 Chapters 18.220 and 18.43 RCW.

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 Chapters 18.220 and 18.43 RCW.

The PLPs 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.

**E. Access**

Ecology or any Ecology authorized representative shall have access to enter and freely move about all property at the Site that the PLPs 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 PLPs' 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 PLPs. The PLPs shall make all reasonable efforts to secure access rights for those properties within the Site not owned or controlled by the PLPs 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 PLPs 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.

**F. Sampling, Data Submittal, and Availability**

With respect to the implementation of this Order, the PLPs 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 PLPs shall allow Ecology and/or its authorized representative to take split or duplicate samples of any samples collected by the PLPs pursuant to implementation of this Order. The PLPs shall notify Ecology seven (7) days in advance of any sample collection or work activity at the Site. Ecology shall, upon request, allow the PLPs and/or their 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.E (Access), Ecology shall notify the PLPs prior to 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 Chapter 173-50 WAC for the specific analyses to be conducted, unless otherwise approved by Ecology.

## **G. Public Participation**

A Public Participation Plan is required for this Site. Ecology shall review any existing Public Participation Plan to determine its continued appropriateness and whether it requires amendment, or if no plan exists, Ecology shall develop a Public Participation Plan alone or in conjunction with the PLPs.

Ecology shall maintain the responsibility for public participation at the Site. However, the PLPs 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 PLPs 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 PLPs that do not receive prior Ecology approval, the PLPs 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. The PLPs shall have the

right to participate in public meetings, as members of the public, even if not requested to do so by Ecology.

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

- a. Seattle Public Library – South Park Branch  
8604 Eight Ave S. at South Cloverdale St.  
Seattle, WA 98108
- b. Ecology’s Northwest Regional Office  
3190 160th Avenue SE  
Bellevue, WA 98008

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 Northwest Regional Office in Bellevue, Washington.

#### **H. 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 PLPs 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 PLPs 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 PLPs 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 PLPs withhold any requested records based on an assertion of privilege, the PLPs 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.

## **I. Resolution of Disputes**

1. In the event that PLPs elect to invoke dispute resolution PLPs 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), PLPs 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 PLP'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. PLPs may then request regional management review of the dispute. This request ("Formal Dispute Notice") must be submitted in writing to the Northwest 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 endeavor to 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).

**J. 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 PLPs 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 PLPs 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 PLPs;

- b. Acts of God, including fire, flood, blizzard, extreme temperatures, storm, or other unavoidable casualty; or

- c. Endangerment as described in Section VIII.L (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 PLPs.

3. Ecology shall act upon any written request for extension in a timely fashion. Ecology shall give the PLPs 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.K (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.L (Endangerment).

#### **K. 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.M (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 PLPs. The PLPs 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.I (Resolution of Disputes).

**L. 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 PLPs to cease such activities for such period of time as it deems necessary to abate the danger. The PLPs shall immediately comply with such direction.

In the event the PLPs determine 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 PLPs may cease such activities. The PLPs 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 PLPs shall provide Ecology with documentation of the basis for the determination or cessation of such activities. If Ecology disagrees with the PLPs' cessation of activities, it may direct the PLPs to resume such activities.

If Ecology concurs with or orders a work stoppage pursuant to this Section, the PLPs' 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.J (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.



**M. Reservation of Rights**

This Order is not a settlement under Chapter 70.105D RCW. 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 PLPs 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 PLPs regarding remedial actions required by this Order, provided the PLPs comply with this Order.

Ecology nevertheless reserves its rights under Chapter 70.105D RCW, 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 PLPs do not admit to any liability for the Site. Although the PLPs are committing to conducting the work required by this Order under the terms of this Order, the PLPs 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.

**N. 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 PLPs 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 PLPs' transfer of any interest in all or any portion of the Site, and during the effective period of this Order, the PLPs 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 PLPs shall notify Ecology of said transfer. Upon transfer of any interest, the PLPs shall notify all transferees of the restrictions on the activities and uses of the property under this Order and through the appropriate transfer mechanism, assure that any activities and uses inconsistent with this Order are prohibited.

**O. Compliance with Applicable Laws**

1. All actions carried out by the PLPs 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. At this time, no federal, state, or local requirements have been identified as being applicable to the actions required by this Order.

2. Pursuant to RCW 70.105D.090(1), the PLPs are exempt from the procedural requirements of Chapters 70.94, 70.95, 70.105, 77.55, 90.48, and 90.58 RCW and of any laws requiring or authorizing local government permits or approvals. However, the PLPs shall comply with the substantive requirements of such permits or approvals. At this time, no state or local permits or approvals have been identified as being applicable but procedurally exempt under this Section.

The PLPs have 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 PLPs 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 PLPs shall be responsible to contact the appropriate state and/or local agencies. If Ecology so requires, the PLPs 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 PLPs and on how the PLPs must meet those requirements. Ecology shall inform the PLPs in writing of these requirements. Once established by Ecology, the additional requirements shall be enforceable requirements of this Order. The PLPs 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 PLPs 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.

**P. Indemnification**

The PLPs agree 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 PLPs, its officers, employees, agents, or contractors in entering into and implementing this Order. However, the PLPs 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 PLPs' receipt of written notification from Ecology that the PLPs have completed the remedial activity required by this Order, as amended by any modifications, and that the PLPs have 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: \_\_\_\_\_

RAJBIR SANDHU

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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RAJBIR SANDHU  
10805 TUKWILA INTERNATIONAL  
BOULEVARD  
TUKWILA, WA 98168  
TELEPHONE: (206) 763-9384

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ROBERT WARREN  
SECTION MANAGER  
TOXICS CLEANUP PROGRAM  
NORTHWEST REGIONAL OFFICE  
TELEPHONE: (425) 649-7054

PRADEEP SANDHU

RPNP CORPORATION

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PRADEEP SANDHU  
10805 TUKWILA INTERNATIONAL  
BOULEVARD  
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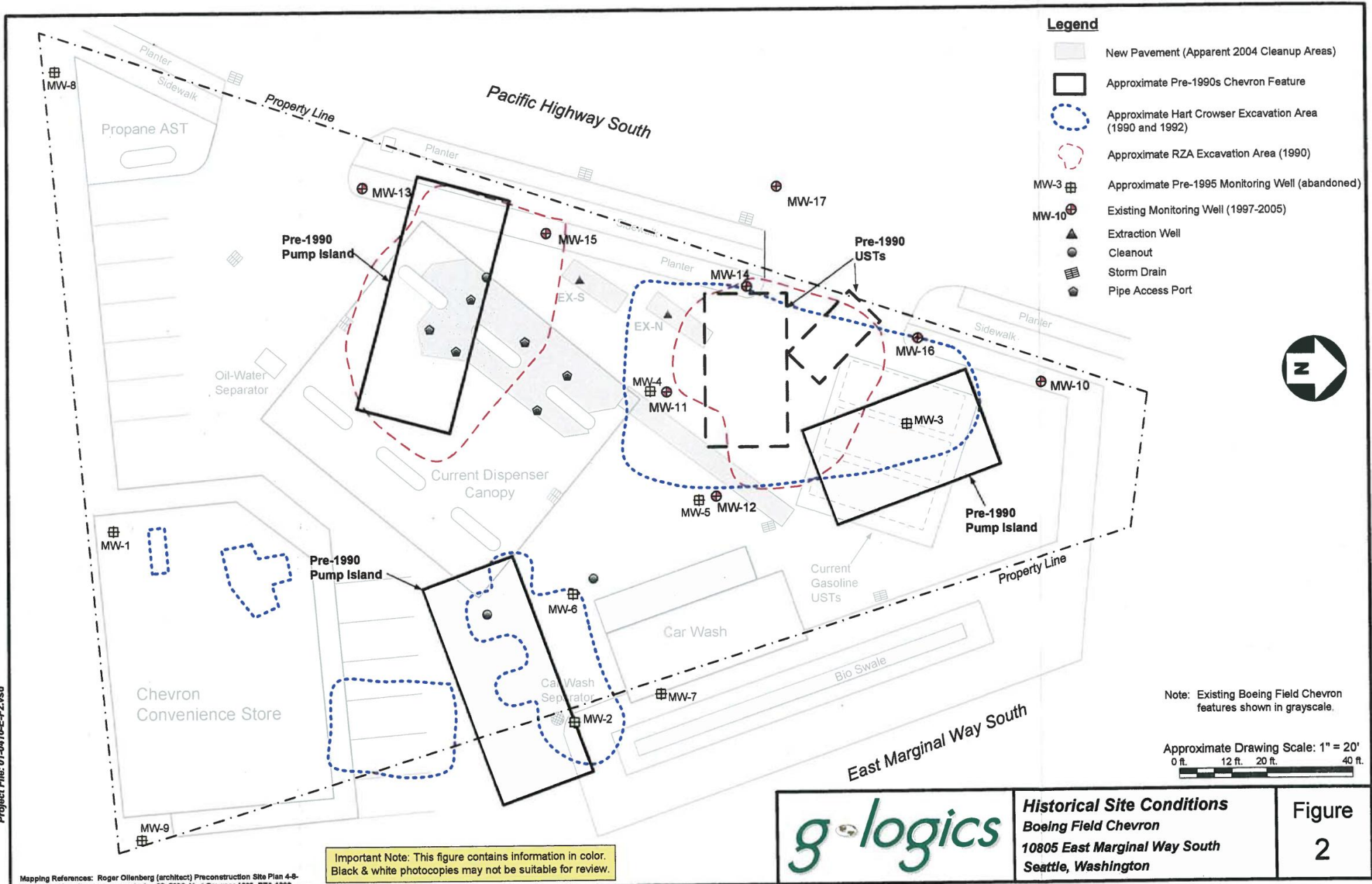
RPNP CORPORATION  
REGISTERED AGENT RAJBIR  
SANDHU  
2224 KAMBER ROAD  
BELLEVUE, WA 98007

CHEVRON ENVIRONMENTAL  
MANAGEMENT COMPANY  
for itself and as Attorney-in-Fact for  
Chevron U.S.A. Inc.

---

Date: \_\_\_\_\_  
ENVIRONMENTAL COMPLIANCE OFFICER –  
MARKETING BUSINESS UNIT  
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY  
6101 BOLLINGER CANYON ROAD  
SAN RAMON, CA 94583

Project File: 01-0410-E-F2.vsd



Important Note: This figure contains information in color. Black & white photocopies may not be suitable for review.



**Historical Site Conditions**  
Boeing Field Chevron  
10805 East Marginal Way South  
Seattle, Washington

Figure  
2

Mapping References: Roger Ollenberg (architect) Preconstruction Site Plan 4-8-1998, G-logics site measurements Jan 20, 2006, Hart Crowser 12/98, P2A 1/99



Duwamish River

Hertz

McConkey Property (LUST Site)

Pacific Highway South

East Marginal Way South

Secret Garden Statuary

Inferred Range of Groundwater Flow Direction

Lucioni Arts (Casting for Secret Garden)

USTs

Carwash

Pump Canopy

Boeing Chevron Market

MW-20

MW-19

MW-10

MW-16

MW-17

IP-7

IP-6

MW-12

B-11

MW-18

MW-11

IP-5

IP-4

MW-15

IP-3

MW-13

MW-21

**Legend**

— Approximate Property Line

⊕ Monitoring Well (B-11 was a temporary well)

MW-13 Well with no MTCA Gas or Benzene Exceedance (April 2008)

MW-11 Well with MTCA Gas or Benzene Exceedance (April 2008)

Note: For Extraction Well Locations, See Figure 5

Project File: 01-0410-E-F7.vsd

Approximate Scale 1 inch = 50 feet  
0 ft. 30 ft. 50 ft. 100 ft.



**Area Diagram** (EX and EW wells excluded)  
**Boeing Field Chevron**  
10805 East Marginal Way South  
Tukwila, Washington

**Figure**  
**7**

## **EXHIBIT B – SCOPE OF WORK (SOW) Sandhu and Chevron, PLPs**

### **PURPOSE**

The work under this Agreed Order (AO) involves conducting a Remedial Investigation (RI) and Feasibility Study (FS), including interim actions, and preparing a preliminary Draft Cleanup Action Plan (DCAP) to select a cleanup alternative. The purpose of the RI, FS, and preliminary DCAP for the Site is to provide sufficient data, analysis, and evaluations to enable Ecology to select a final cleanup alternative for the Site. An interim action to remove free product is also necessary at the Site.

The PLPs shall coordinate with Ecology throughout the development of the RI/FS and preliminary DCAP and shall keep Ecology informed of changes to the Work Plan and other project plans and of issues and problems as they develop.

The SOW is divided into eight major tasks as follows:

- Task 1. RI Work Plan
- Task 2. Remedial Investigation
- Task 3. Interim Actions
- Task 4. Feasibility Study
- Task 5. SEPA Compliance
- Task 6. Public Participation
- Task 7. DCAP
- Task 8. Progress Reports

Following Ecology's Lean Process the first Key Project Meeting was held in February 2013. During that meeting Ecology established communication protocols, expectations related to Key Project Documents and the timing and purpose of Key Project Meetings.

### **TASK 1. RI WORK PLAN**

The PLPs shall prepare a Remedial Investigation Work Plan (Work Plan). The Work Plan shall include an overall description and schedule of all RI activities. The Work Plan shall clearly describe the project management strategy for implementing and reporting on RI activities. The responsibility and authority of all organizations and key personnel involved in conducting the RI will be outlined.

The second Key Project Meeting will be held prior to submittal of the RI Work Plan. The purpose of the Remedial Investigation Planning Meeting is to review requirements for the Work Plan and plan Remedial Investigation field work, discuss the preliminary Conceptual Site Model, and identify project data needs and possible interim actions.



The Work Plan shall describe general facility information; site history and conditions; including previous operations; past field investigations, including any data collection and analysis of soils, air, groundwater, surface water, and sediments; a conceptual site model showing contaminants, migration pathways in all environmental media, potential receptors, and screening levels based on the conceptual site model; geology and groundwater system characteristics; past, current, and future land use; identification of natural resources and ecological receptors; hazardous substances and their sources, etc., in compliance with WAC 173-340-350 and WAC 173-204-560. For all field activities the PLPs will also submit a copy of the Health and Safety Plan for the project

As part of the project background, existing environmental data on site soil, groundwater, surface water, and sediments will be compiled and evaluated for data gaps. The data gaps will be used as the basis for conducting additional site investigations, if necessary. The Work Plan will also identify specific data collection procedures in a Sampling and Analysis Plan (SAP) and Quality Assurance Project Plan (QAPP) as part of the Work Plan in compliance with WAC 173-340-820 and WAC 173-204-600 for defining the nature and extent of contamination. The PLPs will also submit a copy of the Health and Safety Plan (HASP) for the project.

The SAP identifies the proposed number and location of all environmental samples and methods, including soil borings, groundwater monitoring wells, soil, groundwater, stormwater, seep, catch basin and In-Line Solids and water, approximate depths, and includes a quality assurance project plan. The SAP will describe the sampling objectives, the rationale for the sampling approach (based upon the identified data gaps), and plans for data use, and shall provide a detailed description of sampling tasks. The SAP shall describe specifications for sample identifiers; sampling equipment; the type, number, and location of samples to be collected; the analyses to be performed; descriptions of sampling equipment and methods to be used; sample documentation; sample containers, collection and handling; data and records management; and schedule.

The Quality Assurance Project Plan (QAPP) will be prepared in accordance with the Guidance for Preparation of Quality Assurance Project Plans, EPA Region 10, Quality Data Management Program, QA/R-5 and requirements of the EPA Contract Laboratory Program. The QAPP will also follow Ecology's Guidelines for Preparing Quality Assurance Project Plans for Environmental Studies (July 2004)<sup>1</sup> and, if necessary, Sediment Sampling and Analysis Plan Appendix (February 2008).<sup>2</sup> Laboratories must meet the accreditation standards established in WAC 173-50. Data quality objectives will reflect the criteria or threshold values used for the source control evaluation.

The SAP, including the QAPP, will be submitted to Ecology for review and approval. As with all environmental work at the Site, work may not begin without written approval from Ecology. The plan shall provide seven (7) days notice to Ecology prior to beginning sampling. Ecology may obtain split samples.

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<sup>1</sup> Found at <http://www.ecy.wa.gov/biblio/0403030.html>

<sup>2</sup> Found at <http://www.ecy.wa.gov/biblio/qapp.html>

The PLPs or their contractors shall submit all new sampling data generated under this SAP and any other recently collected data to Ecology for entry into the Environmental Information Management System (EIM) in accordance with WAC 173-340-840(5) and Ecology's Toxics Cleanup Program Policy 840: Data Submittal Requirements. Only validated data will be entered into the EIM database within 30 days of submittal.

RI tasks and subtasks will include, but is not limited to soil, ground water, seep, surface water, sediment, and catch basin and In-Line Solids and water sampling and analysis, as necessary to address data gaps identified in the Work Plan. In addition, the following must be included in the Work Plan:

- Develop a preliminary conceptual site model for the Site including evaluation of all potential pathways and potential receptors that may exist for contaminants of concern at the Site.
- Define the nature and extent of contamination based on screening levels protective of all receptors at and downgradient of the Site.

The PLPs will provide Ecology with an Agency Review Draft Work Plan. Once Ecology reviews and approves the Work Plan, it will be considered the Final Work Plan. The Work Plan shall not be implemented until approved by Ecology. Once approved by Ecology, The PLPs will implement the Final Work Plan according to the schedule contained in Exhibit C.

The PLPs shall prepare two (2) copies of the Agency Review Draft RI Work Plan and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for review and comment. After incorporating Ecology's comments on the Agency Review Draft Work Plan and after Ecology approval, The PLPs shall prepare three (3) copies of the Final Work Plan and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology.

## **TASK 2. REMEDIAL INVESTIGATION**

The PLPs shall conduct an RI that meets the requirements of WAC 173-340-350(7) and WAC 173-204-560 according to the Work Plan as approved by Ecology. The RI will determine the nature and extent of contamination exceeding preliminary Model Toxics Control Act (MTCA) cleanup levels, preliminary SMS cleanup standards, and other regulatory requirements. The RI must provide sufficient data and information to define the nature and extent of contamination.

Field sampling and analysis will be completed in general accordance with the SAP and QAPP. Deviation(s) from the approved SAP and QAPP must be communicated to Ecology immediately and documented as required by Ecology.

The PLPs shall provide interim data reports and updates to Ecology as new site data and information become available. Laboratory analysis data shall also be provided in

electronic format when it has been validated. Raw laboratory data will be provided to Ecology upon request.

Prior to submittal of the Agency Review Draft RI Report, a third Key Project Meeting will be held. During the Remedial Investigation Pre-Report Check-In, Ecology and the PLPs will review available data and an updated conceptual site model and discuss the content and organization of the Draft RI Report.

The PLPs shall compile the results of the Site investigation into an Agency Review Draft RI Report. The PLPs shall prepare two (2) copies of the Agency Review Draft RI Report and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for review and comment.

After incorporating Ecology's comments on the Agency Review Draft RI Report, The PLPs shall prepare three (3) copies of a Public Review Draft RI Report and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for distribution and public comment. Electronic survey data for monitoring locations, electronic lab data, and GIS maps of contaminant distribution shall also be provided for both the Agency Review Draft RI Report and Public Review Draft RI Reports. The RI Report will not be considered Final until after a public review and comment period. The Agency Review Draft RI Report and/or Public Review Draft RI Reports may be submitted in conjunction with the Agency Review Draft FS Report and/or Public Review Draft FS Reports, discussed in Task 4 below.

If the data collected during this investigation is insufficient to define the full nature and extent of contamination, and to select a cleanup action plan an additional phase of investigation shall be conducted to define the extent of contamination.

### **TASK 3. INTERIM ACTIONS**

Remedial actions implemented prior to completion of the RI/FS

- that are 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 correct a problem that may become substantially worse or cost substantially more to address if the remedial action is delayed; or
- that are needed to provide for completion of the remedial investigation/feasibility study or design of the cleanup action

will be considered interim actions, will be implemented in accordance with WAC 173-340-430 and the AO, and will be designed in a manner that will not foreclose reasonable alternatives for any final cleanup action that may be required.

Based upon available information, interim action(s) pursuant to WAC 173-340-430 are needed to expedite removal of free-phase light non-aqueous phase liquids (LNAPL)

floating on the ground water surface at the Site. Additional interim actions deemed necessary by the PLPs or Ecology shall be conducted commensurate with this task description.

The scope of the interim actions may include, but not be limited to, typical source control or containment elements such as:

- Soil or sediment removal
- Groundwater remediation
- Expedited LNAPL removal
- Repair, slip lining, replacement, or closure of stormwater conveyances or other structures such as conduit, vaults, catch basins, etc.
- Removal of underground storage tanks and pipes
- Removal of old drain fields or former surface impoundments
- Proper abandonment of old wells
- Removal of contaminated building or other structural material
- Construction of a treatment facility
- Shoreline stabilization such as bulkhead repair, erosion or seepage control, and grading or clearing.

The PLPs will prepare and submit for Ecology approval an Agency Review Draft Interim Action Work Plan (IAWP) with detail commensurate with the work to be performed. The Agency Review Draft IAWP shall include, as appropriate:

- Description of the interim action including its purpose, general requirements, and relationship to the (final) cleanup action (to the extent known);
- Summary of relevant RI/FS information, including at a minimum existing site conditions and alternative interim actions considered;
- Information regarding design and construction requirements, including a proposed schedule and personnel roles and responsibilities;
- Compliance Monitoring Plan;
- SAP/QAPP;
- Permits required.

The PLPs will also submit a copy of the Health and Safety Plan for the project. The PLPs will be responsible for complying with the State Environmental Policy Act (SEPA) Rules including preparing and submitting an environmental checklist for the interim action, and will assist Ecology with presentations at any additional meetings or hearings that might be necessary for SEPA compliance or as part of the Public Participation Plan.

The PLPs will incorporate Ecology's required changes into the IAWP and provide Ecology with a Public Review Draft IAWP. After a public notice and comment period for the Public Review Draft IAWP (and SEPA determination), Ecology will approve the IAWP (if appropriate) and the document will be considered Final. Once approved by

Ecology, The PLPs will implement the interim action according to the schedule contained in the Final IAWP.

The PLPs shall prepare two (2) copies of the Agency Review Draft Interim Action Work Plan and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for review. The PLPs shall incorporate Ecology's comments and then prepare two (2) copies of the Public Review Draft Interim Action Work Plan and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology. After the public notice and comment period, incorporating Ecology's and the public's comments on the Public Review Draft Interim Action Work Plan, and after Ecology approval, The PLPs shall prepare three (3) copies of the Final Interim Action Work Plan submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats.

Upon successful completion of the work, an Agency Review Draft Interim Action Report will be prepared as a separate deliverable. The PLPs shall prepare two (2) copies of the Agency Review Draft Interim Action Report and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for review and approval. After incorporating Ecology's comments on the Agency Review Draft Interim Action Report and after Ecology approval, The PLPs shall prepare three (3) copies of the Final Interim Action Report and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology.

#### **TASK 4. FEASIBILITY STUDY**

The PLPs shall use the information obtained in the RI to prepare an Agency Review Draft Feasibility Study (FS) Report that meets the applicable requirements of WAC 173-340-350(8) according to the approved Work Plan and Schedule (Exhibit C).

The Agency Review Draft FS Report will evaluate remedial alternatives for site cleanup, consistent with MTCA and SMS requirements to ensure protection of human health and the environment by eliminating, reducing, or otherwise controlling risk posed through each exposure pathway and migration route.

Prior to beginning the FS, a fourth Key Project Meeting will be held to review ARARs, potential remedial alternatives and establish points of compliance. If appropriate, this Key Project Meeting may be held in conjunction with the RI Pre-Report Check-In Key Project Meeting.

The Agency Review Draft FS Report will provide a detailed analysis of each remedial alternative according to the applicable requirements of WAC 173-340-350, MTCA Remedial Investigation and Feasibility Study, and WAC 173-204-560, SMS Cleanup Study. The remedial alternatives will be evaluated for compliance with the applicable requirements of WAC 173-340-360, Selection of Cleanup Actions, and WAC 173-204-560(4), including a detailed evaluation of remedial alternatives relative to the following criteria:

- Compliance with Cleanup Standards and Applicable Laws
- Protection of Human Health
- Protection of the Environment
- Provision for a Reasonable Restoration Time Frame
- Use of Permanent Solutions to the Maximum Extent Practicable
- The Degree to which Recycling, Reuse, and Waste Minimization are Employed
- Short-Term Effectiveness
- Long-Term Effectiveness
- Net Environmental Benefit
- Implementability
- Provision for Compliance Monitoring
- Cost-Effectiveness
- Prospective Community Acceptance

The remedial alternative that is judged to best satisfy the evaluation criteria will be identified. Justification for the selection will be provided, and the recommended remedial alternative further developed, in the FS Report.

The PLPs shall prepare two (2) copies of the Agency Review Draft FS Report and submit them, including one electronic copy in Word (.doc) and Adobe (.pdf) formats, to Ecology for review.

After incorporating Ecology's comments on the Agency Review Draft FS Report, the PLPs shall prepare three (3) copies of the Public Review Draft FS Report and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for distribution and public comment. The FS Report will not be considered Final until after a public review and comment period.

#### **TASK 5. SEPA COMPLIANCE**

The PLPs shall be responsible for complying with the State Environmental Policy Act (SEPA) Rules including preparing and submitting an environmental checklist. If the result of the threshold determination is a determination of significance (DS), The PLPs shall be responsible for the preparation of Draft and final environmental impact statements. The PLPs shall assist Ecology with coordinating SEPA public involvement requirements with MTCA public involvement requirements whenever possible, such that public comment periods and meetings or hearings can be held concurrently.

#### **TASK 6. PUBLIC PARTICIPATION**

The PLPs shall assist Ecology to prepare a draft Public Participation Plan that complies with the provisions of WAC 173-340-600(9).

The PLPs shall support Ecology in presenting the Public Review Draft RI and Public Review Draft FS Reports and SEPA evaluations at one public meeting or hearing. The PLPs will assist Ecology with presentations at any additional meetings or hearings that might be necessary for SEPA compliance or as part of the Public Participation Plan.

After the public comment periods are completed, at Ecology's request The PLPs shall prepare a Draft Responsiveness Summary that addresses public comments and prepare a second Public Review Draft FS Report that addresses public comments. The PLPs shall prepare two (2) copies of the Draft Responsiveness Summary and second Public Review Draft FS Report and submit them to Ecology for review and approval, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology.

After incorporating Ecology's comments and after Ecology approval, The PLPs shall prepare three (3) copies of the Final Responsiveness Summary after public comments are incorporated and submit them to Ecology for distribution, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats.

#### **TASK 7. PRELIMINARY DRAFT CLEANUP ACTION PLAN**

Upon Ecology approval of the Public Review Draft Remedial Investigation and Public Review Draft Feasibility Study Report, a fifth Key Project Meeting will be held regarding the Cleanup Action Plan. The Cleanup Action Plan Meeting will be used to review public comments received on the RI and FS Reports, and to review plans for developing the Agency Review preliminary Draft Cleanup Action Plan (DCAP),

The PLPs shall prepare an Agency Review preliminary DCAP in accordance with WAC 173-340-380 that provides a proposed remedial action to address the contamination present on the Site. Where contaminated sediments are included in the remedial action, the cleanup plan will comply with WAC 173-204-580, in addition to the MTCA requirements cited above. The Agency Review preliminary DCAP shall include a general description of the proposed remedial actions, cleanup standards developed from the Remedial Investigation/Feasibility Study and rationale regarding their selection, a schedule for implementation, description of any institutional controls proposed, and a summary of applicable local, state, and federal laws pertinent to the proposed cleanup actions.

The PLPs will submit a Agency Review preliminary DCAP for Ecology's review and approval. The Agency Review preliminary DCAP will include, but not be limited to, the information listed under WAC 173-340-380. The PLPs shall prepare two (2) copies of the Agency Review preliminary DCAP and submit them, including one electronic copy each in Word (.doc) and Adobe (.pdf) formats, to Ecology for review and approval.

**TASK 8. PROGRESS REPORTS**

The PLPs shall submit Progress Reports quarterly or monthly given the schedule/pace. Progress Reports shall be submitted to Ecology until satisfaction of the AO in accordance with Section IX of the AO. Progress Reports shall be submitted to the Ecology project coordinator by the 15<sup>th</sup> of the month following the reporting period. If this day is a weekend or holiday, deliverables will be submitted to Ecology on the next business day. At a minimum, Progress Reports shall contain the following information regarding the preceding reporting period:

- A description of the actions which have been taken to comply with the AO.
- Summaries of sampling and testing reports and other data reports received by the PLPs
- Summaries of deviations from approved Work Plans
- Summaries of contacts with representatives of the local community, public interest groups, press, and federal, state, or tribal governments
- Summaries of problems or anticipated problems in meeting the schedule or objectives set forth in the SOW and Work Plan
- Summaries of solutions developed and implemented or planned to address any actual or anticipated problems or delays
- Changes in key personnel
- A description of work planned for the next reporting period.



**EXHIBIT C – SCHEDULE OF DELIVERABLES (SOD)**  
**Sandhu and Chevron, PLPs**

The schedule for notifications to Ecology or submission of major deliverables to Ecology for this Schedule of Deliverables (SOD) is described below. If the date for submission of any item or notification required by this SOD occurs on a weekend, state or federal holiday, the date for submission of that item or notification is extended to the next business day following the weekend or holiday. Where a deliverable due date is triggered by Ecology notification, comments or approval, the starting date for the period shown is the date Sandhu and Chevron received such notification, comments or approval by certified mail, return receipt requested, unless otherwise noted below. Where triggered by Ecology receipt of a deliverable, the starting date for the period shown is the date Ecology receives the deliverable by certified mail, return receipt requested, or the date of Ecology signature on a hand-delivery form.

Table 1 - Schedule for Submission of Major Deliverables

Table 2 - Schedule for Submission of Interim Action Deliverables

**Table 1****Schedule for Submission of Major Deliverables**

|     | <i><b>Deliverable</b></i>                                  | <i><b>Due Date<sup>a</sup></b></i>   |
|-----|--|--|
| 1.  | Agency Review Draft Remedial Investigation (RI) Work Plan  | 90 days after the AO <sup>b</sup> effective date                                     |
| 2.  | Final Remedial Investigation Work Plan                     | 30 days after receipt of Ecology comments  |
| 3.  | Remedial Investigation Field Investigations Completed      | 180 days after Final Remedial Investigation Work Plan                                |
| 4.  | Agency Review Draft Remedial Investigation Report          | 90 days following receipt of remedial investigation validated data                   |
| 5.  | Public Review Draft Remedial Investigation Report          | 30 days after receipt of Ecology comments  |
| 6.  | Final Remedial Investigation Report                        | 30 days after receipt of Ecology comments, subsequent to public comment <sup>c</sup> |
| 7.  | Agency Review Draft Feasibility Study Report               | 90 days following Ecology approval of Public Review Remedial Investigation Report    |
| 8.  | Public Review Draft Feasibility Study Report               | 30 days following Ecology approval of Agency Review Draft Feasibility Study Report   |
| 9.  | Final Feasibility Study Report                             | 30 days after receipt of Ecology comments, subsequent to public comment <sup>c</sup> |
| 10. | Agency Review preliminary Draft Cleanup Action Plan (DCAP) | 90 days following approval of Final Feasibility Study                                |
| 11. | Public Review Draft Cleanup Action Plan                    | Ecology document, subsequent to public comment                                       |

<sup>a</sup> Due dates shown are for initial draft and final deliverables. This schedule assumes only a single revised document will be submitted following receipt of comments from Ecology. Documents become final only upon approval by Ecology.

<sup>b</sup> AO (Agreed Order) is effective upon signature by both Ecology and PLPs.

<sup>c</sup> These public comment periods can be combined.

**Table 2**

**Schedule for Submission of Interim Action Deliverables**

|    | <b><i>Deliverable</i></b>  | <b><i>Due Date<sup>a</sup></i></b>  |
|----|--|---|
| 1. | Agency Review Draft Interim Action Work Plan (IAWP)                                    | 60 days after the AO <sup>b</sup> effective date  |
| 2. | Public Review Draft Interim Action Work Plan and SEPA Checklist for the interim action | 30 days after receipt of Ecology comments   |
| 3. | Final Interim Action Work Plan   | 30 days after public notice and comment period closes   |
| 4. | Implement Final Interim Action Work Plan   | Initiated no later than 30 days following Ecology approval of Final Interim Action Work Plan, subsequent to public comment. |
| 5. | Agency Review Draft Interim Action Report  | In accordance with the schedule in the Interim Action Work Plan.  |
| 6. | Final Interim Action Report  | 30 days after Ecology's approval of the Agency Review Draft Interim Action Report   |

<sup>a</sup> Due dates shown are for initial draft and final deliverables. This schedule assumes only a single revised document will be submitted following receipt of comments from Ecology. Documents become final only upon approval by Ecology.

<sup>b</sup> AO (Agreed Order) is effective upon signature by both Ecology and PLPs.

Effective date of this Order: \_\_\_\_\_

RAJBIR SANDHU

STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

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RAJBIR SANDHU  
10805 TUKWILA INTERNATIONAL  
BOULEVARD  
TUKWILA, WA 98168  
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ROBERT WARREN  
SECTION MANAGER  
TOXICS CLEANUP PROGRAM  
NORTHWEST REGIONAL OFFICE  
TELEPHONE: (425) 649-7054

PRADEEP SANDHU

RPNP CORPORATION

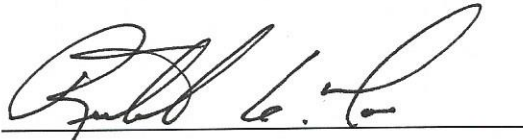
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REGISTERED AGENT RAJBIR  
SANDHU  
2224 KAMBER ROAD  
BELLEVUE, WA 98007

CHEVRON ENVIRONMENTAL  
MANAGEMENT COMPANY  
for itself and as Attorney-in-Fact for  
Chevron U.S.A. Inc.

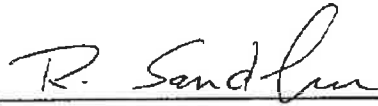


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Date: \_\_\_\_\_  
ENVIRONMENTAL COMPLIANCE OFFICER –  
MARKETING BUSINESS UNIT  
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY  
6101 BOLLINGER CANYON ROAD  
SAN RAMON, CA 94583

Effective date of this Order: \_\_\_\_\_

RAJBIR SANDHU

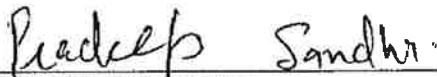


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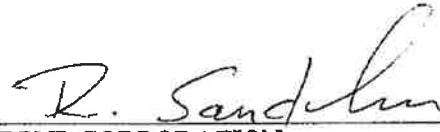
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Date: \_\_\_\_\_

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