

January 2, 2018

Attention: Sandra Treccani
Washington State Department of Ecology
Eastern Regional Office
4601 North Monroe, Suite 202
Spokane, Washington 99205

RE: 2017 Annual Report - South Wilbur Site

INTRODUCTION

This annual progress report has been prepared by Lincoln County Public Works to document progress of maintenance, operations, and inspections at the South Wilbur Petroleum Contamination Site (site) located at Wilbur, Washington. The objective of this report is to communicate to Ecology a summary of the conditions, progress, and integrity of the various site components and implementation of the monitoring requirements contained in the Remedial Action Plan (RAP) for the site. This report provides a summary of all key activities implemented in the overall monitoring requirements and annual reporting requirements to summarize the condition of specific components of the Phytoremediation Barrier, Semi Impervious Gravel Surfacing, and Stormwater Controls implemented as part of the RAP for this site. Future reports will be submitted annually pursuant to the RAP requirements.

SUMMARY OF ALL KEY ACTIVITIES

The following activities occurred during 2017.

1. Budinger and Associates completed the annual sample collection and monitoring work in 2017. Sample and Monitoring was completed in April according to the reduced monitoring schedule approved by Department of Ecology.
2. Lateral and vertical infiltration and injection galleries were maintained and in use as per project plans.

SUMMARY OF SITE CONDITIONS

The following provides a summary of inspections and monitoring performed on the various site components as outlined in the site operations and maintenance plan included in the RAP.

1. **Institutional Controls:**
 - North and West Boundary fence remains in place and functional.
 - Site signage remains in place and functional.
 - Restrictive Covenants are recorded and in place.
 - No problem areas identified.
 - Monitoring will continue in 2018 at the reduced schedule approved by DOE.
 - Recommend continuation of current practices and planned monitoring.

2. Monitoring Wells:

- Monitoring Wells were inspected by both Lincoln County and Budinger during the Monitoring Event.
- Routine maintenance was performed on certain wells to insure well head components were accessible and functioning properly.
- Monitoring Wells remain accessible and functional.
- Inspections will continue in 2018.
- Recommend continuation of current practices.

3. Phytoremediation Barrier:

- Plant growth within the Phytoremediation Barrier was monitored.
- Grasses planted continue to survive.
- Grass and weed control is completed by mechanical methods.
- Vegetation will continue to be monitored in 2018.
- Recommend continuation of current practices.

4. Semi-Impervious Gravel Surfacing:

- Grade and drainage remains in-place, functional, and effective against infiltration.
- There are normal signs of slight raveling and rutting in traffic areas. Repairs to address is ongoing due to normal traffic to and from the site.
- Traffic Areas will be bladed or rock raked to remove rutting when weather permits.
- No problem areas identified.
- Monitoring will continue in 2018.
- Recommend continuation of current practices.

5. Stormwater Control:

- Grade and elevations established under cleanup activities remains effective.
- Sheet flow dispersion remains functional and effective toward street drains. Natural dispersion to ground remains functional and effective within phytoremediation barrier and outside limits of excavation during cleanup activities.
- Lincoln County will be completing some grading to improve slight ponding problems identified near the water standpipe located on the NW corner of the shop.
- Monitoring will continue in 2018.
- Recommend continuation of current practices.

6. Good Housekeeping Practices:

- Equipment fueling operations are completed off site.
- Equipment maintenance and repairs are completed inside shop area.
- Oils and grease are stored inside buildings.
- Vehicle washing is completed over installed vehicle wash facility.
- The on-site oil water separate is functional and serviced routinely.
- Spill cleanup materials remain available on site.
- No problem areas identified.
- Monitoring will continue in 2018.
- Recommend continuation of current practices.

DELIVERABLES SUBMITTED

Deliverables to Ecology:

- 1) The 2017 Groundwater Monitoring Data and Results dated May 11, 2017 submitted by Budinger & Associates.
- 2) This 2017 Operations and Maintenance Report.

SCHEDULE DEVIATIONS

There were no deviations experienced or determined necessary in 2017.

Budinger & Associates collected samples on April 19, 2017.

Groundwater monitoring will occur spring of 2018.

No deviation to the annual monitoring event are anticipated.

DATA GENERATED

A groundwater monitoring report that documents results of the 2017 Annual Monitoring Event and Summary completed by Budinger & Associates.

PLANNED ACTIVITIES AND DELIVERABLES

All current practices, as completed, appear adequate and consistent with requirements outlined in the revised RAP for the Wilbur Site. All current activities as summarized in this report will be implemented in 2018, with major planned activities summarized as follows:

1. Conduct an annual groundwater monitoring event Spring 2018.
2. Conduct routine operations and maintenance activities as may be necessary.
3. Continue monitoring Phytoremediation Barrier.
4. Prepare data and submit an Annual Monitoring Event and Summary Report to Ecology for review.
5. Prepare an Annual Site Report and submit to Ecology for review.

CONTINUING APPROVED CHANGES TO COMPLIANCE MONITORING PLAN

Department of Ecology continues to approve the following changes to the compliance monitoring plan at the Wilbur Site:

Reduce sampling to once a year

Cease Sampling at wells MW7, MW8, MW11, and MW12

Continue sampling at MW9

Cease monitoring for conventional parameters (sulfate, ferrous iron, and nitrate). Diesel will be retained in the analysis.



Please don't hesitate to contact me at (509) 725-7041 if you have any questions.

Respectfully submitted,

A handwritten signature in blue ink that reads "Richard T. Becker".

Rick Becker
Public Works Director

Enclosures: 2017 Groundwater Monitoring Results prepared by Budinger and Associates