# STORMWATER CNE INSPECTION REPORT

State of Washington Department of Ecology
1250 Alder St, Union Gap, WA 98903

Ecology Stormwater Compliance Inspection Form
Last updated (May 2019)

Phone: (509) 575-2434
FAX: (509) 575-2809

Section A: General Data

| Inspection Date | CNE # | County | Receiving Waters | Inspector | Facility Type |
|---|---|---|---|---|---|
| 5/28/2019 | CNE126400 | Benton | Columbia river | Kevin Dolan | Industrial |

Discharges to: Ground Water ☒ _____ MS4 ☐ Surface ☒ **Announced** Inspection

Section B: Facility Data

| Name and Location of Site inspected | Mailing Address | Entry Time | Exit Time |
|---|---|---|---|
| Kennewick Municipal POTW | 416 N KINGWOOD AVE, Kennewick WA | 8:45am | 12 noon |

| On-Site Representative(s): | Responsible Official(s): | Additional Participants: |
|---|---|---|
| Dean Bugher, Wade Bonds<br>**Office: 509.585.4331** **Cell:** | Chris Espinoza<br>**Office:** (509) 585-4537<br>**Cell:** | Donna Smith, Erik Van Doren |
| Entrance GPS: Lat: 46.211271 Long: -119.102260 | Discharge GPS: Lat: None Long: | |

Section C: Summary of Findings/Comments

**INSPECTION/OBSERVATIONS**

Background: This site has facilities on the east and west side of a BNSF track easement. The plant generally has older facilities on the west side and newer facilities on the east side of the railroad. The west side infrastructure has several dry wells that drain the impervious surfaces between buildings. East side ponds are surrounded by gravel and have surface infiltration to ground. Outside industrial activity exposed to stormwater was not identified. The original SIC code 4952 Sewerage is still the active industry at this waste water treatment plant, however these activities appear to be inside buildings with drains that drain to the treatment headwaters, or surrounded by gravel dispersed infiltration.

The two drywells are not currently registered in the UIC system, they do not appear to be high risk UIC features. They drain several storm drains, each with their own catchment. There appears to be no industrial activities out of doors. The main risk to investigate is soil filter capacity below the wells.

The soil types found on site here are Pasco silt loam, Quincy loamy sand, Pasco fine sandy loam, and Hezel loamy fine sand, with depths to water table varying from 3-6+ feet. These are at best medium filter capacity soils, which ideally require 10 feet of vadose soil.

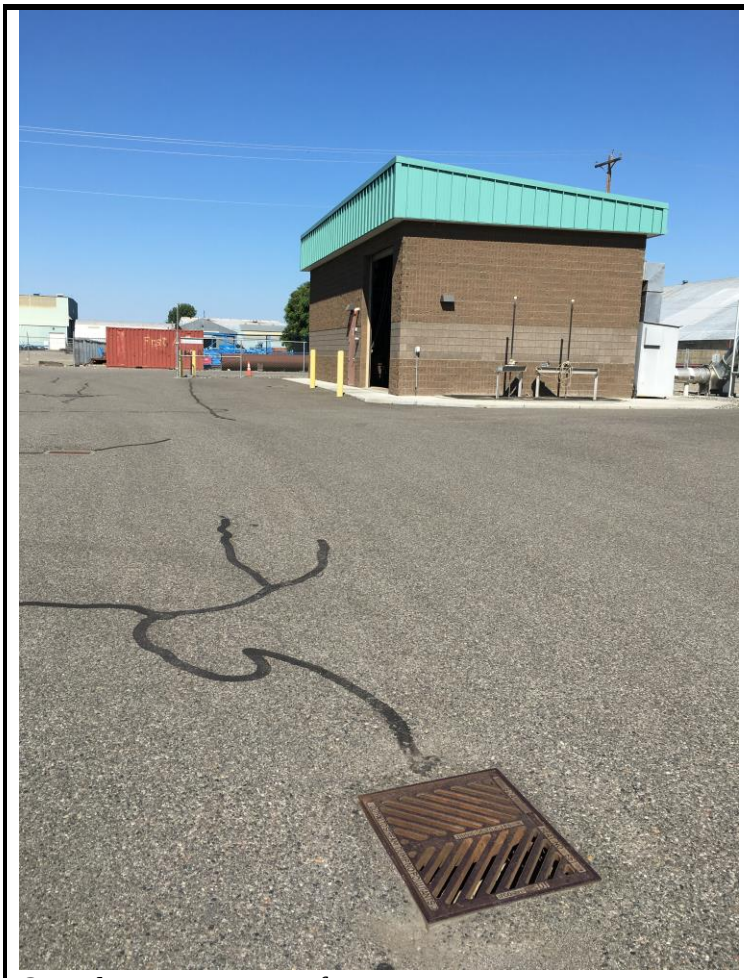
| | |
|---|---|
| Yes **No** | 1. Is anyone using, storing or cleaning industrial machinery or equipment in an area that is exposed to stormwater, or are there areas where residuals from using, storing or cleaning industrial machinery or equipment remain and are exposed to stormwater? |
| Yes **No** | 2. Are there materials or residuals on the ground or in stormwater inlets from spills/leaks? |

| | |
|---|---|
| Yes **No** | 3. Are materials or products from past industrial activity exposed to precipitation? |
| Yes **No** | 4. Is material handling equipment used/stored (except adequately maintained vehicles)? |
| Yes **No** | 5. Are materials or products exposed to precipitation during loading/unloading or transporting activities? |
| Yes **No** | 6. Are materials or products stored outdoors (except final products intended for outside use, e.g., new cars, where exposure to storm water does not result in the discharge of pollutants)? |
| Yes **No** | 7. Are materials contained in open, deteriorated or leaking storage drums, barrels, tanks, and similar containers? |
| Yes **No** | 8. Are materials or products handled/stored on roads or railways owned or maintained by the discharger? |
| Yes **No** | 9. Is waste material exposed to precipitation (except waste in covered, non-leaking containers, e.g., dumpsters)? |
| Yes **No** | 10. Does the application or disposal of process wastewater occur (unless otherwise permitted)? |
| Yes **No** | 11. Is there particulate matter or visible deposits of residuals from roof stacks/vents not otherwise regulated, i.e., under an air quality control permit, and evident in the storm water outflow? |

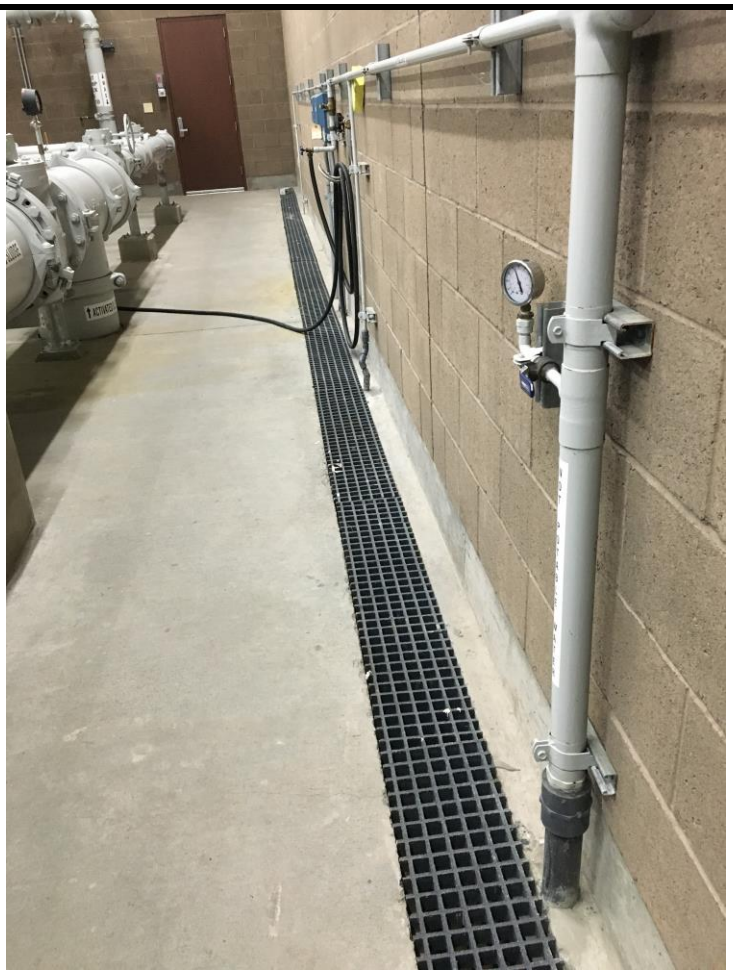
Section D: Compliance/Recommendations

CNE application can be submitted after the following compliance actions:

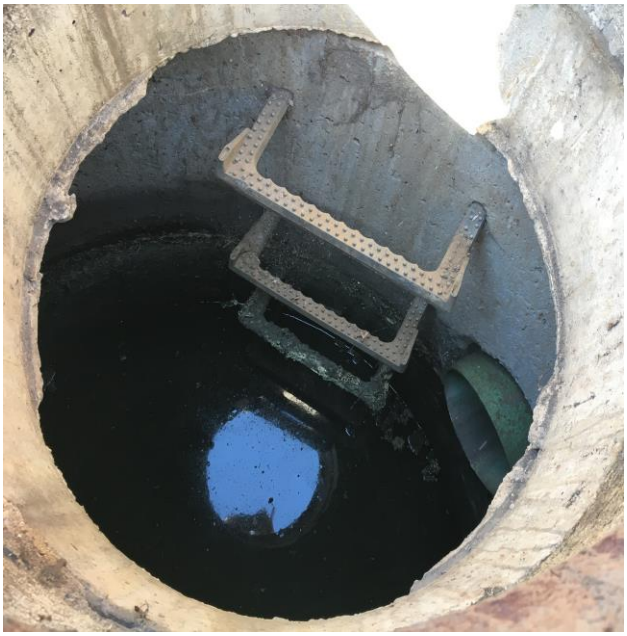
Dry wells need to be registered in the UIC database, equipped with drywell filters, and be cleaned quarterly and recorded in an operations and maintenance manual.



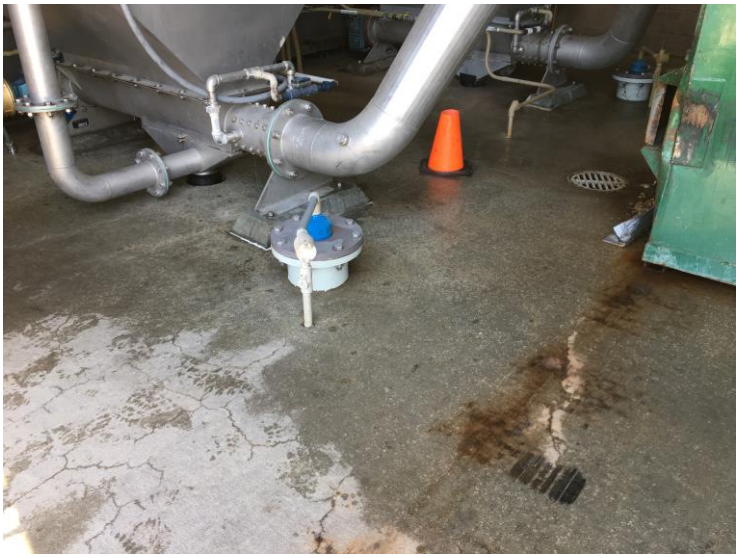
Outside impervious surfaces



Inside drains connect to water treatment line



One of 2 drywells, with a tributary storm drain pipe



Industrial equipment drains go to water treatment

| | |
|---|---|
| Kevin Dolan Date<br>Industrial Stormwater Inspector<br>Water Quality Program | Mark Peterschmidt Date<br>Watershed Unit Supervisor<br>Water Quality Program |