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Ecology W2R-Ind

May 10, 2016

Mr. Daniel J. Silver, Custodial Trustee
 Mead Custodial Trust
 606 Columbia Street NW, Ste. 212
 Olympia, WA 98501

Subject: Submittal of Reports for Semi-Annual Inspections of SPL Cap and Asphalt Areas and Related Drainage Features – Tasks 8 & 9

Dear Mr. Silver:

Attached please find two (2) copies each of the subject inspection reports for the 1st 2016 semi-annual inspection. The next semi-annual inspection will be scheduled within the fall 2016 timeframe.

The asphalt cap is in good condition. There are cracks in the asphalt on the west side of the SPL Pile. We will schedule filling with the asphalt contractor we have used in the past.

The rock cap on the SPL Pile is in good condition. Some weed infestation is evident, with some of the weeds being noxious. We will schedule a weed control application.

The drainage features are in good condition, although there are a number of weeds in the perimeter ditches. I will have the ditches cleaned out in 2016.

Please contact me if you have any questions regarding the attached information.

Sincerely,

HYDROMETRICS. INC.

Antonio Chavez, P.E.
 Senior Engineer

Attachments

cdc Mead

| | |
|-----------|------------|
| Facility: | |
| Year: 16 | Left Right |
| Air | Corr |
| Water | Reports |
| NPDES | Permit |
| WET-TOX | Enf |
| DW/RCRA | Eng |
| Cleanup | Sub |
| SW | |
| HWP2 | |

**KAISER MEAD NPL SITE
SPL CAP AND ASPHALT AREA INSPECTION RECORD**

May 2016


| | | |
|---|--|--------------------------|
| Inspector(s): Antonio Chavez, P.E. (Hydrometrics, Inc.) | | Date: May 6, 2016 |
| Time: 9:00 am | Inspection Frequency: Semi-Annual | |
| Ambient Condition and Summary of Recent Climatological Events: Temperature in lower 70's. Light rain in the past few days. | | |
| Inspection Observations: | | |
| General Cap Status: Overall in good condition. | | |
| Rock Covered Surfaces: Overall in good condition. <ul style="list-style-type: none">▪ Failures or areas of concern: None. The rock areas are in good shape with no evidence of movement on the slopes. See attached photos.▪ Comments: Some weeds and grasses have invaded. At least one type of weed is noxious (dalmation toadflax) and Hydrometrics will contact a weed control contractor for a bid to eradicate the noxious weeds. | | |
| Asphalt Covered Surfaces: Overall in good condition. <ul style="list-style-type: none">▪ Failures or areas of concern: Cracks on west side of SPL pile will require filling this year. See attached photos.▪ Comments: Hydrometrics will schedule crack filling this year. | | |
| Inspector Signature:  <hr/> | | |



Photo 1: Photograph of asphalt area southeast of SPL Pile showing ponding.



Photo 2: Photograph of asphalt area east of SPL Pile (Area 2) looking north showing good condition.



Photo 7: Showing top of of SPL Pile cap looking west.



Photo 8: Showing asphalt cracks west of SPL Pile cap looking north.

**KAISER MEAD NPL SITE
DRAINAGE FEATURES INSPECTION RECORD**

May 2016


| | | |
|---|--|--------------------------|
| Inspector(s): Antonio Chavez, P.E. (Hydrometrics, Inc.) | | Date: May 6, 2016 |
| Time: 9:00 am | Inspection Frequency: Semi-Annual | |
| Ambient Condition and Summary of Recent Climatological Events: Dry with temperature in lower 70's and light rain in past few days. | | |
| Inspection Observations: | | |
| General Drainage Status: Overall in good condition. | | |
| SPL Pile Cap Drainage: Overall in good condition. <ul style="list-style-type: none">▪ Failures or areas of concern: No failures were observed. The ditch cross-sections appear to be sufficient to carry runoff without overtopping the ditches. See attached photos.▪ Comments: Some debris and dead vegetation occupy the ditches and standing water in some areas indicate accumulations of sediment may be present. A contractor will be sought to clean up the ditches. | | |
| Asphalt Covered Surface Drainage: Overall in good condition. <ul style="list-style-type: none">▪ Failures or areas of concern: No failures were observed. The asphalt areas appear to be draining well.▪ Comments: No action required. | | |
| Inspector Signature: <div style="text-align: center;"> _____</div> | | |



Photo 1: Photograph showing ditch along southeast corner of SPL Pile looking west.



Photo 2: Photograph of perimeter ditch drainage into northeast storm water drain looking east. Vegetation is not impeding flow.



Photo 3: Photograph showing SPL Pile perimeter ditch along north perimeter road looking west.



Photo 4: Photograph of SPL west perimeter ditch looking south.