

September 2017

INSPECTOR:
INSPECTION DATE:
PROJECT NO.:
WEATHER

SCHEDULE

In accordance with Module II, Section D, of Post Closure Permit No. UTD092029768, any deterioration or malfunctioning of the RWMA that may result in a threat to human health or the environment shall be remedied within seventy-two (72) hours. If the remedy requires more time, the Permittee shall submit to the Director of the Utah Division of Waste Management and Radiation Control, Department of Environmental Quality, before the expiration of the Seventy-two (72) hour period, a proposed time schedule for correcting the problem.

Prior to conducting the inspection, the previously completed inspection and corrective action forms will be reviewed to alert the inspector to items of special interest, and to identify trends in any corrective actions.

The original of this inspection form shall be stored at the offices of the individual that performs the inspection. A copy of this form as completed shall be maintained at the Chevron Products Co., Salt Lake Refinery. A copy of the completed form shall be included in the Annual Report that is submitted each year to the Executive Secretary of the Utah Department of Environmental Quality.

See the attached site plan of the RWMA for locations of specific inspection items. Attach additional sheets as necessary to describe damage or problems.

Purpose and Scheduling of Inspection:

- _____ Storm Event - Inspection required within 24 hours of precipitation in excess of 2 inches per 24 hours. Use official reports of the National Weather Service, located at the Salt Lake International Airport, as the weather station of record (II.D.4).

- _____ Annual RWMA cell inspection and inspection of all monitor wells (to be conducted as part of the annual groundwater sampling in September or October (II.D.6).

Attachment 1 – Post Closure Permit Inspection Forms
 Chevron Products Co., Salt Lake Refinery
 RWMA Inspection Checklist
 Page 2 of 7

| Item | Yes | No | Comments |
|---|-----|----|----------|
| ACCESS - Has the access road been removed, blocked, or damaged? | | | |
| SECURITY - Is the security fencing in-place, intact, and operational? | | | |
| - Have the fencing or gates been damaged or breached? | | | |
| SIGNAGE - Are necessary signs or placards in-place, legible, visible, and undamaged? | | | |
| DRAINAGE STRUCTURES - Are surface drainage structures intact, undamaged, and operational? | | | |
| - Has runoff overflowed the structures? | | | |

Attachment 1 – Post Closure Permit Inspection Forms
 Chevron Products Co., Salt Lake Refinery
 RWMA Inspection Checklist
 Page 3 of 7

| Item | Yes | No | Comments |
|---|-----|----|----------|
| CAP MATERIALS | | | |
| - Are there signs of surface erosion? | | | |
| - Are there signs of surface settlement or differential subsidence (survey as necessary)? | | | |
| - Are there any surface cracks? | | | |
| - Is the vegetation cover intact and uniform? | | | |
| - Are there any deep-rooted plants that may damage the low-permeability barriers? | | | |
| - Is there evidence of surface water ponding? | | | |
| - Are there new signs of physical damage to the cap materials? | | | |
| - Have burrowing animals damaged the cap? | | | |

Attachment 1 – Post Closure Permit Inspection Forms
 Chevron Products Co., Salt Lake Refinery
 RWMA Inspection Checklist
 Page 4 of 7

| Item | Yes | No | Comments |
|--|-----|----|----------|
| EMBANKMENTS | | | |
| - Are there signs of surface erosion? | | | |
| - Are there signs of settlement? | | | |
| - Are there any surface cracks? | | | |
| - Is the vegetation cover intact and uniform? | | | |
| - Is there evidence of surface water ponding? | | | |
| - Is there evidence of slope failure? | | | |
| - Are there signs of bulging at the toe of slopes and embankments? | | | |
| - Are there new signs of physical damage to the embankments (including burrowing animals)? | | | |

Attachment 1 – Post Closure Permit Inspection Forms
 Chevron Products Co., Salt Lake Refinery
 RWMA Inspection Checklist
 Page 5 of 7

| Item | Yes | No | Comments |
|--|-----|----|----------|
| <p>GROUNDWATER MONITORING WELLS (II.D.6a-e)</p> <ul style="list-style-type: none"> - Have any of the wells, locks, casings, aprons, or caps been damaged? - Are the cap lock systems in-place and operational? - Have the measuring points been damaged? - Is there evidence of sediment accumulation? - Are the annulus seals intact? - Are permanent dedicated pumps operational? - Are the wells accessible and visible? - Are the holding drums on-site and intact? - Measured depth to the bottom of each well (required annually, IV.D.2G). - Other | | | |
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Attachment 1 – Post Closure Permit Inspection Forms
 Chevron Products Co., Salt Lake Refinery
 RWMA Inspection Checklist
 Page 6 of 7

| Item | Yes | No | Comments |
|---|-----|----|----------|
| SETTLEMENT MONUMENTS - Have any of the settlement monuments been damaged? | | | |
| - Are the settlement monuments visible (painted)? | | | |
| - Other | | | |

Comments:

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SCHEDULE

Prior to conducting the inspection, the previously completed inspection and corrective action forms will be reviewed to alert the inspector to items of special interest, and to identify trends in any corrective actions.

A copy of this form as completed shall be maintained at Chevron Products Co., Salt Lake Refinery. A completed copy of this form shall be included in the Annual Reports that are submitted each year to the Executive Secretary of the Utah Department of Environmental Quality.

See the attached site plan of the LWMA for locations of specific inspection items.

Attach additional sheets as necessary to describe damage or problems.

Purpose and Scheduling of Inspection:

_____ Annual LWMA cell inspection and inspection of all four monitor wells (to be conducted as part of the annual groundwater sampling in September or October (II.D.6)).

Attachment 1 – Post Closure Permit Inspection Forms
 Chevron Products Co., Salt Lake Refinery
 LWMA Inspection Checklist
 Page 2 of 7

| Item | Yes | No | Comments |
|--|-----|----|----------|
| ACCESS - Has the access road been removed, blocked, or damaged? | | | |
| SECURITY - Is the security fencing in-place, intact, and operational? - Have the fencing or gates been damaged or breached? | | | |
| SIGNAGE - Are necessary signs or placards in-place, legible, visible, and undamaged? | | | |
| DRAINAGE STRUCTURES - Are surface drainage structures intact, undamaged, and operational? - Has runoff overflowed the structures? | | | |
| | | | |

| Item | Yes | No | Comments |
|---|-----|----|----------|
| CAP MATERIALS | | | |
| - Are there signs of surface erosion? | | | |
| - Are there signs of surface settlement or differential subsidence (survey as necessary)? | | | |
| - Are there any surface cracks? | | | |
| - Is the gravel armor intact and uniform? | | | |
| - Are there any deep-rooted plants that may damage the low-permeability barriers? | | | |
| - Is there evidence of surface water ponding? | | | |
| - Are there signs of physical damage to the cap materials? | | | |
| - Have burrowing animals damaged the cap? | | | |

| Item | Yes | No | Comments |
|--|-----|----|----------|
| EMBANKMENTS | | | |
| - Are there signs of surface erosion? | | | |
| - Are there signs of settlement? | | | |
| - Are there any surface cracks? | | | |
| - Is the gravel armor intact and uniform? | | | |
| - Is there evidence of surface water ponding? | | | |
| - Is there evidence of slope failure? | | | |
| - Are there signs of bulging at the toe of slopes and embankments? | | | |
| - Are there signs of physical damage to the embankments (including burrowing animals)? | | | |

| Item | Yes | No | Comments |
|--|-----|----|----------|
| <p>GROUNDWATER MONITORING WELLS (ii.D.6a-e)</p> <ul style="list-style-type: none"> - Have any of the wells, locks, casings, aprons, or caps been damaged? - Are the cap lock systems in-place and operational? - Have the measuring points been damaged? - Is there evidence of sediment accumulation? - Are the annulus seals intact? - Are permanent dedicated pumps operational? - Are the wells accessible and visible? - Are the holding drums on site and intact? | | | |
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| Item | Yes | No | Comments |
|---|-----|----|----------|
| SETTLEMENT MONUMENTS - Have any of the settlement monuments been damaged? | | | |
| - Are the settlement monuments visible (painted)? | | | |
| - Other | | | |

Comments:

INSPECTOR:
 INSPECTION DATE:
 WEATHER:

Salt Lake Airport Weather Station Storm Details That Required Inspection:

_____ Reported Date of Storm Event
 _____ (Y/N) Sustained Wind Speed in Excess of 80 mph
 _____ (Y/N) Precipitation in excess of 2 inches per twenty-four (24) time period

INSPECTION OBSERVATIONS

| ITEM | OK | DAMAGED | DETAILS OR PROPOSED ACTION |
|--------------------------|----|---------|----------------------------|
| Landfill Perimeter Toe | | | |
| Top of Embankment | | | |
| Rutting on Side-Slopes | | | |
| Vegetated Cover | | | |
| Cover Drainage Network | | | |
| Monitor Wells | | | |
| Security Fence and Signs | | | |
| Other Observations | | | |

COMMENTS: