	State of Washington Department of Ecology Bellingham Field Office PERMIT COMPLIANCE INSPECTION REPORT	WADOE Permit Compliance Inspection Form Last updated 08/7/20																							
SECTION A: GENERAL DATA																									
Inspection Date: 3/9/2022	NPDES Permit #: WAG507209	County: Skagit	Receiving Waters: Sierra Pacific pond; Indian Slough	Inspector(s): Elizabeth Fint; Sylvia Graham	Facility Type: Sand and Gravel																				
Weather at time of inspection: Sun, no precipitation prior 24 hours																									
Discharges to: Surface Water <input checked="" type="checkbox"/> Ground Water <input type="checkbox"/>																									
SECTION B: FACILITY DATA																									
Name and Location of Facility Inspected				Entry Time	Permit Effective Date																				
Skagit Ready Mix - McFarland Road 14810 McFarland Road Mount Vernon, WA 98273				2:45 PM	04/01/2021																				
				Exit Time	Permit Expiration Date																				
				4:30PM	03/31/2026																				
Name(s) of On-Site Representative(s)/Title(s)/Contact Information				Additional Participants:																					
Greg Hall, (360) 435-5791																									
Mailing Address of Responsible Official/Title/Contact Information																									
CPC Materials Inc. 23315 Dike Rd Arlington, WA 98223																									
SECTION C: AREAS EVALUATED DURING INSPECTION																									
<table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> Erosion & Sediment Control Plan</td> <td><input type="checkbox"/> Permit</td> <td><input checked="" type="checkbox"/> Source Control BMPs</td> <td><input type="checkbox"/> Wheel Wash</td> </tr> <tr> <td><input checked="" type="checkbox"/> Monitoring Plan</td> <td><input checked="" type="checkbox"/> Documented Visual Inspections</td> <td><input checked="" type="checkbox"/> Fuel, Chemical, & Waste Storage & Handling</td> <td><input checked="" type="checkbox"/> Catch Basins</td> </tr> <tr> <td><input checked="" type="checkbox"/> Stormwater Pollution Prevention Plan</td> <td><input checked="" type="checkbox"/> Runoff Conveyance & Treatment BMPs</td> <td><input type="checkbox"/> Equipment/Vehicle Washing</td> <td><input checked="" type="checkbox"/> Exterior Storage & Parking Areas</td> </tr> <tr> <td><input type="checkbox"/> Spill Control Plan</td> <td><input type="checkbox"/> Oil/Water Separator</td> <td><input type="checkbox"/> Equipment/Vehicle Maintenance</td> <td><input checked="" type="checkbox"/> Outfall/Effluent/Receiving Waters</td> </tr> <tr> <td><input checked="" type="checkbox"/> Site Map</td> <td><input checked="" type="checkbox"/> Process Water Treatment System</td> <td><input checked="" type="checkbox"/> Fueling Operations</td> <td><input checked="" type="checkbox"/> Discharge Monitoring Report Submittals</td> </tr> </table>						<input checked="" type="checkbox"/> Erosion & Sediment Control Plan	<input type="checkbox"/> Permit	<input checked="" type="checkbox"/> Source Control BMPs	<input type="checkbox"/> Wheel Wash	<input checked="" type="checkbox"/> Monitoring Plan	<input checked="" type="checkbox"/> Documented Visual Inspections	<input checked="" type="checkbox"/> Fuel, Chemical, & Waste Storage & Handling	<input checked="" type="checkbox"/> Catch Basins	<input checked="" type="checkbox"/> Stormwater Pollution Prevention Plan	<input checked="" type="checkbox"/> Runoff Conveyance & Treatment BMPs	<input type="checkbox"/> Equipment/Vehicle Washing	<input checked="" type="checkbox"/> Exterior Storage & Parking Areas	<input type="checkbox"/> Spill Control Plan	<input type="checkbox"/> Oil/Water Separator	<input type="checkbox"/> Equipment/Vehicle Maintenance	<input checked="" type="checkbox"/> Outfall/Effluent/Receiving Waters	<input checked="" type="checkbox"/> Site Map	<input checked="" type="checkbox"/> Process Water Treatment System	<input checked="" type="checkbox"/> Fueling Operations	<input checked="" type="checkbox"/> Discharge Monitoring Report Submittals
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SECTION D: SUMMARY OF OBSERVATIONS AND FINDINGS																									
PERMIT COMPLIANCE CONCERN(S) AND REQUIRED CORRECTIVE ACTION(S)																									
<p>Violation of permit condition S4.F.3: Review of documentation on site showed the site was missing at least one Annual inspection (wet weather, dry weather) for calendar years 2019, 2020:</p> <p>S4.F.3: The Permittee must conduct at least two stormwater inspections each year at all active sites covered under this permit. The Permittee must conduct at least one inspection during the wet season (October 1 – April 30) and at least one inspection during the dry season (May 1 – September 30).</p> <p>Violation of permit condition S8.E.1: Source control BMPs for the curing compound, DEF, viscosity modifier, and molasses, or any other liquid chemical:</p> <p>S8.E.1: Store <i>all</i> chemical liquids, fluids, and petroleum products (except bitumen), in double walled tanks or in secondary containment. Secondary containment includes an impervious surface surrounded with a containment berm or dike that is capable of containing 10% of the total enclosed tank volume or 110% of the volume contained in the largest tank, whichever is greater.</p>																									

- a. To prevent precipitation from accumulating in secondary containment provide a roof or equivalent structure.
- b. If cover is not practicable, the SWPPP must include a description of how accumulated water will be managed and disposed of.

Violation of permit condition S8.E.13.e: Source control BMPs for dust and sediment accumulating on paved surfaces.

S8.E.13. The Permittee must use source control BMPs in the following areas and during the following activities as necessary to control pollutants:

- Fueling at Dedicated Stations
- Mobile Fueling
- Loading and Unloading Areas
- Storage of Liquid in Permanent Above-ground Tanks
- **Dust Control**
- High Use Parking Areas
- Storage or Transfer of Solid Raw Materials, By-Products or Finished Products

(See Volume IV in the SWMMWW/Chapter 8 in the SWMMEW for specific BMPs)

SUMMARY OF FINDINGS/COMMENTS

Documentation:

- Missing annual site inspection for 2019 and 2020
- “Monthly facility environmental checklist” appears to satisfy S4.G inspection report requirements
- SMP was well organized and had specific language/narrative tailored to the site’s stormwater management needs.

Site Inspection:

- The site manages off-site *run on* from areas to the north by conveying it in a swale along the north property line. The swale flows to a manhole in the northeast corner that does not have an outlet. The manhole offers an access point to place a pump and pump this water to the plant for dust control, but the site does not currently pump that water.
- The site manages solids on the wash pad/process area by scraping and shoveling solids and debris into a container which is emptied into the decant bunker, located on the southern portion of the production pad (photo 2).
 - The decant bunker is emptied about once a month – the material is hauled to the company’s Arlington location where it is recycled
- The viscosity modifier product and molasses additive are stored on the pavement of the norther portion of the production area – the containers do not have secondary containment (photo 3). *This violates S8.E of the permit.*
- The site uses a three-chamber impoundment for settling and re-using process water (photo 4). The first two chambers provide settling, the water in the third chamber is re-used in the batching process. The site treats any unused water with CO2 to adjust pH prior to discharging offsite. The chambers are cleaned out about once a week and solids are collected in the decant bunker.

- The curing compound and diesel emission fluid (DEF) product containers were stored near the treatment shed without secondary containment (photo 5). This violates S8.E of the permit.
- Significant dust and sediment was accumulated on the paved surface of the process area (photo 6). During the inspection, wind visibly transported dust and sediment into the air and across the site (photo 7).
- Greg said that Terry samples discharged water at the manhole near the road at southwest corner of the site (photo 8). Terry uses a sample cup on a string to reach the sample.
- A pond in the southeast corner of site collects run-off from a material storage area and finished concrete product storage area (photo 9). The pond discharges to ground (S-1), but if it overtops it will discharge to a catch basin that conveys stormwater to the site's surface water discharge (P-1) at the catch basin near the road (photo 10). Pond samples are dipped directly from the pond.

BACKGROUND


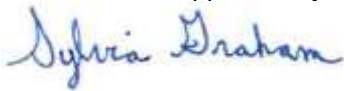
Skagit Ready Mix is a ready-mix batch plant permitted under Ecology's Sand and Gravel General Permit number WAG507209 and is authorized to discharge process water and stormwater associated with concrete batch plant operations (NAICS 327331 - concrete block and brick manufacturing; NAICS 327320 - ready-mix concrete manufacturing) at 14810 McFarland Road Mount Vernon, Skagit County.

Skagit Ready Mix is a division of Smokey Point Concrete, and supply Ready-mixed concrete, aggregates, concrete forms, and other rock and supplies to Skagit, Snohomish, King, Island, and Whatcom Counties. Skagit Ready Mix operates a 12-truck fleet from the McFarland location. The site was finishing construction of a new 120 ton and 60 ton cement silo at the time of inspection. The site also uses a conveyor to move materials and a batch plant near the silos. Skagit Ready Mix also has a concrete re-claimer on site, which separates the liquids from the aggregate in comeback concrete. Greg explained the re-claimer needs daily maintenance.

The site's stormwater and process water is managed on a paved processing pad that conveys water to a three chamber concrete impoundment. The impoundment chambers treat the water (if the water is not re-used in the batching process) before treating with CO₂ and using an automated pH adjustment. Once treated, the water is discharged underground where it outfalls to the road stormwater collection system (P-1). The site also uses a stormwater detention pond for some infiltration (S-1) of stormwater from storage areas.

If you have any questions concerning this inspection report, or to request additional time to complete the above corrective actions, please contact at Sylvia Graham at 360-927-4900 or sygr461@ecy.wa.gov.

SECTION E: SIGNATURES

	Reviewed and approved by: 
Elizabeth Fint Sand and Gravel Permit Manager Water Quality Program	<div style="display: flex; justify-content: space-between;"> 03/25/2022 <div> Reviewer Name Reviewer Position Title Water Quality Program </div> 03/25/2022 </div>

Washington State Department of Ecology – Bellingham Field Office
Address: 913 Squalicum Way #101
Bellingham, WA 98225
Phone: (360)-255-4400



Photo 1
Skagit Batch Plant, photo taken looking southeast



Photo 2
Decant bunker storing unhardened concrete debris to dry prior to hauling offsite for recycling. Decant bunker is stored on the paved process area that drains to the lined impoundment.



Photo 3
Viscosity modifier product and molasses additive stored on pavement of the northern portion of the production area, without secondary containment.



Photo 4
Three-chamber impoundment for settling and re-using process water.



Photo 5
Curing compound and diesel emission fluid (DEF) product containers stored near the treatment shed without secondary containment.



Photo 6
Dust and sediment accumulated on the paved surface of the process area. Process materials must remain on the paved area, and not escape to the gravel area.



Photo 7
Wind visibly transported dust and sediment into the air and across the site.



Photo 8
Manhole near the road at the southwest corner of the site, where Terry samples discharged water. Photo faces northeast towards the site.



Photo 9
Pond in the southeast corner of the site that collects runoff from a material storage area and finished concrete product storage area.



Photo 10
Catch basin at south end of pond, which receives overflow from the pond. Catch basin conveys to catch basin near the road at P-1.

End Photo Log