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DNR FO6

Report on petroleum based liquid that entered Washington's WWTP on October 27 & 28, 2014.

- 10-27-14 Around 1:30 p.m. Danny discovered the petroleum based liquid floating in the raw waste water wet well. The raw waste water pumps were shut off immediately and the flow was diverted to the West EQ basin. We estimated between 15-20 gallons entered the WWTP. The liquid didn't enter the SBR basins. I called the IDNR field office #6 in Washington. I talked to Paul Brandt. Jim Kacer of IDNR was out later with petroleum sample bottles. We collected samples and Jim took the bottles with him to drop off at UHL on 10-28-14. After Jim left we installed 2 large floating oil absorbent booms and 4 floating pillows to start the clean up in the West EQ basin. Around 4 p.m. we started flow back through the WWTP.
- 10-28-14 Around 2:45 p.m. Danny discovered more of the petroleum based liquid in the raw waste water wet well. Once again the raw waste water pumps were shut down and flow diverted to the West EQ. We estimated between 10-15 gallons entered the WWTP. The liquid didn't enter the SBR basins. I called the field office and talked to Terry Jones. After that Jason and I headed to town and started checking manholes trying to find the source. We didn't locate where the liquid had came from. Around 4:15 we started flow back through the WWTP. We installed 5 more floating pillows, 1 large absorbent boom, and 8 small absorbent socks.
- 10-29-14 We placed 4 absorbent socks at different locations in the collection system trying to capture some of the liquid if showed up at the WWTP again. No more of the liquid showed up. We removed 6 of the floating pillows from the West EQ basin as they were saturated and then bagged them. The wind was from the north and the liquid was pushed to the SE corner of the West EQ basin. We setup the 3 large floating booms to contain it in the SE corner. We added 6 more floating pillows and 8 small socks to the containment area.
- 10-30-14 Jason and I removed the 4 socks from the collection system. All of the socks were petroleum free. Placed 3 new absorbent pillows and removed 8 absorbent pillows and bagged them. Most of the liquid had been captured in the containment area. UHL called to report preliminary results are showing signs of a petroleum based substance. Should have more results available early next week
- 10-31-14 We checked the containment area again it looked like there wasn't much of the petroleum liquid left. We removed the 3 large floating booms and the 8 remaining floating pillows. The bagged the 8 pillows and let the water seep out of the booms. We added 4 absorbent pillows along the water level to capture any of the liquid that remained. I called Paul at the local IDNR field office to see about disposal of the pillows and booms. Paul said he would do some checking and get back to me early next week. All bags containing pillows and booms were placed in a dumpster until it's decided how to dispose of them.
- 11-3-14 We removed the 4 remaining floating pillows and bagged them along with the 3 large booms.

- 11-5-14 Paul B called me and said to contact SEMCO landfill to see if they could take the pillows and booms from us.

- 11-6-14 I contacted Bill at SEMCO they can't accept the pillows and booms.

- I have contacted Safety Kleen of Davenport and Hydroclean of Des Moines about disposing of them as hazardous waste. Received a quote from Safety Kleen.

- 11-13-14 I called Hydroclean again. They haven't returned my call yet at press time. I'll contact Field Office #6 when final the disposal has been accomplished. Still waiting on test results from UHL on the samples we collected from the West EQ basin on 10/27/14.

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Washington WWTP Supt.

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Copies to:

IDNR Field Office #6

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