

POTW Pretreatment Program

Industrial Site Visit

Name of Industry: Kraft Foods North America, Inc.

Industry Contacts: Rick Holtquist, Plant Manager / A.J. Rorie, Business Unit Leader

Type of Industry: Cheese Production (SIC-2022)

Date of Visit: May 10, 2007



- | | | | |
|--|---|--|---|
| 1. Significant industrial user: | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> Not Determined |
| 2. Pretreatment equipment or procedures? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 3. Pretreatment equipment maintained and operational? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 4. Hazardous waste generated or stored? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| 5. Proper solid waste disposal? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 6. Solvent management/TTO control? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| 7. Suitable sampling location? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| 8. Appropriate self-monitoring procedures / equipment? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| 9. Adequate spill prevention? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| 10. Industry familiar with limits and requirements? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |

Additional Comments: Facility needs additional measures to prevent spills. Facility had three reported spill/slugs in 2006 (2/21-2/22; 3/13, and 6/18). Releases from the outside acid and caustic soda tanks secondary containment structures have been allowed to enter the waters of the State. Evidence of either a bypass to the POTW or a direct discharge to the waters of the State exists in a basin prior to the pH adjustment basins. Oil & grease grab samples have not been taken in accordance with the requirements of the pretreatment regulations. Flow meter accuracy check (percent error) has not been calculated properly.



Visit Conducted By: John Fazio, Dale Washam, ADEO; James Eng, EPA

Date: 5/10/07



**Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet**

Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	1	Of	20	Date:		5-15-07	Time: 2:06 p.m.
Description:		MVC-003.					
<p>Storm water collection swale located at NE corner of facility parking lot: receives storm water from parking lot runoff, storm water pond (discharge culvert from pond on left side of photo) and storm water grate on parking lot. Discharge from this area travels from metal gate valve (visible in photo) eastward to creek beyond chain-link fence.</p>							
Photographer:		John Fazio			Witness:		NA
Photo #	2	Of	20	Date:		5-15-07	Time: 2:07 p.m.
Description:		MVC-004.					
<p>Swale from previous photo. Discharge culvert from parking lot grate (drop inlet) in lower left portion of photo. Look direction to SW.</p>							



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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	3	Of	20	Date:		5-15-07	Time: 2:07 p.m.
Description:		MVC-005					
Creek to which storm water discharges visible within vegetation.							
Photographer:		John Fazio			Witness:		NA
Photo #	4	Of	20	Date:		5-15-07	Time: 2:07 p.m.
Description:		MVC-006.					
Storm water drainage from gate valve. Look direction to west.							



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Location:		Kraft Foods North America, Inc						
Photographer:		John Fazio			Witness:		NA	
Photo #	5	Of	20	Date:		5-15-07	Time:	2:08 p.m.
Description:		MVC-007.						
Storm water grate and storm sewer in parking lot adjacent to pH equalization basins and discharge measurement flume. Looking SW.								
Photographer:		John Fazio			Witness:		NA	
Photo #	6	Of	20	Date:		5-15-07	Time:	2:10 p.m.
Description:		MVC-008.						
Floor drain adjacent to acid and caustic containers in storage building next to pH adjustment basins. Some evidence of spills visible on floor.								



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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	7	Of	20	Date:		5-15-07	Time: 2:10 p.m.
Description:		MVC-009.					
Acid and caustic containers in storage room.							
Photographer:		John Fazio			Witness:		NA
Photo #	8	Of	20	Date:		5-15-07	Time: 2:11 p.m.
Description:		MVC-010.					
Small basin that receives Kraft waste stream. From here, waste stream enters pH adjustment basins.							



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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	9	Of	20	Date:		5-15-07	Time: 2:11 p.m.
Description:		MVC-011.					
<p>Wastewater collection basin seen in previous photo. Wastewater enters this basin from the west (not visible), and enters the pH adjustment basins to the south (below bottom of photo). Visible in the north end of this basin is a partition plate with a v-notch, and a discharge pipe. During periods of high flow, the v-notch appears to allow for discharge (before final treatment) to either the sanitary sewer or to the waters of the State. The "high water mark" suggests that this has occurred.</p>							
Photographer:		John Fazio			Witness:		NA
Photo #	10	Of	20	Date:		5-15-07	Time: 2:12 p.m.
Description:		MVC-012.					
<p>First of two pH adjustment basins after collection basin (seen in previous photo).</p>							



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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	11	Of	20	Date:		5-15-07	Time: 2:12 p.m.
Description:		MVC-013.					
<p>Another view (look direction E) of high wastewater mark in collection basin before pH adjustment basin. V-notch visible to left.</p>							
Photographer:		John Fazio			Witness:		NA
Photo #	12	Of	20	Date:		5-15-07	Time: 2:14 p.m.
Description:		MVC-014.					
<p>Acid and caustic tanks (left) and product tanks (right) within their respective secondary containment basins. Located on south end of facility. Evidence of discharges (staining) from these containment basins to the storm water sewer is visible in photo. Two more drains are on concrete next to product tanks. Look direction NW.</p>							



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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	13	Of	20	Date:		5-15-07	Time: 2:15 p.m.
Description:		MVC-015.					
<p>Red staining around drain near product tanks. Secondary containment discharge valve visible.</p>							
Photographer:		John Fazio			Witness:		NA
Photo #	14	Of	20	Date:		5-15-07	Time: 2:15 p.m.
Description:		MVC-016.					
<p>Acid tank (left) and caustic tank (right). Secondary containment discharge valve visible. Fill pipes visible (in caustic tank foreground).</p>							


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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	15	Of	20	Date:		5-15-07	Time: 2:15 p.m.
Description:		MVC-017.					
Two drains adjacent to tanks. Look direction W.							
Photographer:		John Fazio			Witness:		NA
Photo #	16	Of	20	Date:		5-15-07	Time: 2:16 p.m.
Description:		MVC-018.					
Close-up of staining around westernmost drain.							

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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	17	Of	20	Date:		5-15-07	Time: 2:16 p.m.
Description:		MVC-019.					
Stormwater and red substance in product tanks secondary containment structure.							
Photographer:		John Fazio			Witness:		NA
Photo #	18	Of	20	Date:		5-15-07	Time: 2:16 p.m.
Description:		MVC-020.					
Storm water and spilled product (likely occurs during acid/caustic tank filling) in acid and caustic tanks secondary containment structure.							

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Location:		Kraft Foods North America, Inc					
Photographer:		John Fazio			Witness:		NA
Photo #	19	Of	20	Date:		5-15-07	Time: 2:16 p.m.
Description:		MVC-021.					
Acid tank.							
Photographer:		John Fazio			Witness:		NA
Photo #	20	Of	20	Date:		5-15-07	Time: 2:17 p.m.
Description:		MVC-022.					
Fill pipes for acid and caustic tanks. Shut-off valves are located at least a foot above fill port. Possible reason for spillage.		