

MORRIS FORMAN WWTP ODOR SURVEY MONITORING DATA

Community Locations

Date: Sept 29, 2000

Observer BK

Week # 79

STATION NO.	LOCATION DESCRIPTION	TIME	AVERAGE H ₂ S (ppb)	INTENSITY (1-5)	ODOR DESCRIPTION	TEMP. (° F)	WIND DIRECTION (°)	WIND SPEED (mph)	OBSERVER/COMMENTS																		
1	Southwestern Parkway Chicksaw Park exit between Winnrose & Dumesnil	1345	5.3	0	No odor	70	130	4																			
2	Southwest corner of Winrose and Fairland	1348	6.3	1	Sour mash	70	80	3																			
3	Sunset east of 43rd	1350	6.3	1	Sewer	70	70	2																			
4	1309 Cecil	1354	6	1	Asphalt	70	80	2																			
5	3612 Dumesnil	1358	6	1	Exhaust	70	-	0																			
6	Intersection of 39th St and Stratton	1403	5.3	0	No odor	70	110	3																			
7	Intersection of Belquin Road and Belquin Place	1407	6.3	1	Grass	70	80	3																			
8	Campground Road East of I-264 @ Williams Transicold	1412	5.6	0	No odor	70	90	1																			
9	Campground Road West of Likens	1416	5.3	0	No odor	70	60	3																			
10	Bells Lane @ Chevron entrance across from Zeon Chemical	1424	5.3	1	Ind. Chemical	70	100	2																			
11	Bells Lane near Paddy's Run Station (LG&E)	1428	6.3	0	No odor	70	60	4																			
12		1455	104.3	3	Zimpro/Act. Sludge	70	80	2																			
13		1500	15.3	4	Zimpro	70	140	2																			
14		1502	8.0	4	Sludge	70	70	4	2 empty bins																		
15		1508	7.0	4	Sludge	70	120	3	23 empty bins																		
16		1435	8.0	0	No odor	70	70	2																			
17		1440	18	3	Chemical/bleach	70	130	2																			
18		1443	6.0	0	No odor	70	130	3																			
<p>Summary: Sunny, clear - perfect day with slight winds out of east. Both scrubbers running.</p> <table border="0" style="width: 100%;"> <tr> <td></td> <td align="center">Inlet H₂S</td> <td align="center">Outlet H₂S</td> <td align="center">pH 1</td> <td align="center">pH 2</td> <td align="center">ORP</td> </tr> <tr> <td>Scrubber #1</td> <td align="center">40</td> <td align="center">27 ppm</td> <td align="center">9.29</td> <td align="center">8.79</td> <td align="center">-429</td> </tr> <tr> <td>Scrubber #2</td> <td align="center">38</td> <td align="center">22 ppm</td> <td align="center">3.42</td> <td align="center">8.23</td> <td align="center">-225</td> </tr> </table> <p>Solids separator valve fully closed.</p>											Inlet H ₂ S	Outlet H ₂ S	pH 1	pH 2	ORP	Scrubber #1	40	27 ppm	9.29	8.79	-429	Scrubber #2	38	22 ppm	3.42	8.23	-225
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<p>Summary: Scattered clouds - cool day N Zimpro in neighborhoods north northwest of plant</p>																											