



Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

August 11, 2011

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Hunting Creek South WQTC; KPDES No.: KY 0029114
Discharge Monitoring Reports for July of 2011

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC; KPDES No.: KY0029114 for the month of July 2011.

There were no exceedences, overflows or bypasses to report for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson", is written over a horizontal line.

Kevin Thompson
Process Supervisor, East Region

RM/Hunting Creek South 7.11

Enclosures

cc: C. Roth (DOW Louisville)
T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

PERMIT NUMBER

$$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad \frac{d}{dt} \left(\frac{\partial L}{\partial \dot{y}} \right) = \frac{\partial L}{\partial y}$$

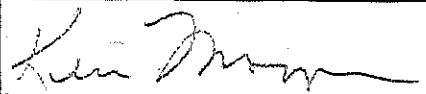
1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

YEAR	MO.	DAY	TO	YEAR	MO.	DAY
1968	12	31		1968	12	31

FROM

TO

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		7.0				4	1/1	GK
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN			MG/L			
PH	SAMPLE MEASUREMENT	*****	*****		6.3		7.3		4	1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM		MAXIMUM	GU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	237	332			189	262		4	1/7	CP
00650 3 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	15	26			12	20		4	1/7	CP
00600 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	31	32			25	27		4	1/7	CP
00610 9 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.6	1			0.5	1		4	1/7	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT					0.50	0.72		4	1/7	CP
00660 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			****		MD AVG	MX WK AV	MG/L		MONTH	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
H.J. Schardein Jr. Executive Director							502-546-6000		11 08 15		
TYPED OR PRINTED					AREA CODE		NUMBER		YEAR MO DAY		

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME HUNTING CREEK S WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC

8605 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK S WQTC MSD

LOCATION PROSPECT

KY 40089

ATTN: DENNIS THOMASSON, SR METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM

TO

MINOR

(SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.151	0.190	MGD					8	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD							
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT					<0.010	<0.010		8	1/1	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					MD AVG	MX WK AV	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT					5	31		8	1/7	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30DA GED	7 DA GED	100/PL			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	172	201	LBS/DY		140	167		8	1/4	CR
RAW SEW INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	9	14	LBS/DY		8	11		8	1/7	CR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT				95				8	1/31	CA
PERCENT REMOVAL	PERMIT REQUIREMENT				MD MIN					MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT				94				8	1/31	CA
PERCENT REMOVAL	PERMIT REQUIREMENT				MD MIN					MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.J. Schardin Jr
Executive Director

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

502 540-6000 11 08 15
AREA CODE NUMBER YEAR MO DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Hunting Creek South

Date	Flow	INFLUENT					
		Concentration TSS	BOD	NH3		Pounds BOD	NH3
7/1/2011	0.155						
7/2/2011	0.016						
7/3/2011	0.157						
7/4/2011	0.14	51	95	24	59.548	110.922	28.022
7/5/2011	0.139						
7/6/2011	0.15						
7/7/2011	0.151						
7/8/2011	0.19						
7/9/2011	0.169						
7/10/2011	0.162						
7/11/2011	0.152	262	154	25	332.132	195.223	31.692
7/12/2011	0.165						
7/13/2011	0.169						
7/14/2011	0.15						
7/15/2011	0.151						
7/16/2011	0.16						
7/17/2011	0.161						
7/18/2011	0.154	254	142	24	326.227	182.379	30.825
7/19/2011	0.147						
7/20/2011	0.179						
7/21/2011	0.155						
7/22/2011	0.153						
7/23/2011	0.156						
7/24/2011	0.158						
7/25/2011	0.144	190	167	27	228.182	200.560	32.426
7/26/2011	0.147						
7/27/2011	0.149						
7/28/2011	0.147						
7/29/2011	0.142						
7/30/2011	0.15						
7/31/2011	0.156						
Average	0.151	189	140	25.00	236.522	172.271	30.741
Maximum	0.190	262	167	27.00	332.1	200.56	32.426

Hunting Creek South

Hunting Cr. So.	Report for	Jul-11	Tot. Exc.=		0 (Influent data below.)						
Tot. Flow=	4.674	Concentrations			Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
7/1/11	0.155										
7/2/11	0.016										
7/3/11	0.157										
7/4/11	0.14	9	8	1	1	10.508	9.341	1.168	0.408	0.823529	0.915789
7/5/11	0.139										
7/6/11	0.15										
7/7/11	0.151										
7/8/11	0.19										
7/9/11	0.169										
7/10/11	0.162										
7/11/11	0.152	13	11	0.22	1	16.480	13.944	0.279	0.558	0.950382	0.928571
7/12/11	0.165										
7/13/11	0.169										
7/14/11	0.15										
7/15/11	0.151										
7/16/11	0.16										
7/17/11	0.161										
7/18/11	0.154	20	8	0.39	14	25.687	10.275	0.501	0.716	0.92126	0.943662
7/19/11	0.147										
7/20/11	0.179										
7/21/11	0.155										
7/22/11	0.153										
7/23/11	0.156										
7/24/11	0.158										
7/25/11	0.144	7	3	0.28	31	8.407	3.603	0.336	0.304	0.963158	0.982036
7/26/11	0.147										
7/27/11	0.149										
7/28/11	0.147										
7/29/11	0.142										
7/30/11	0.15										
7/31/11	0.156										
Average	0.151	12.25	7.50	0.47	4.56	15.27	9.29	0.57	0.50	94%	95%
Maximum	0.190	20.00	11.00	1.00	31.00	25.69	13.94	1.17	0.72		
Exceed.	0	0	0	0	0	0	0	0	0	0	0
DailyMX		0	0	0	0	0	0	0	0		
MoAVG		0	0	0	0	0	0	0	0	0	0
Minimum	0.016 MIN		MAX								