

Urban Watch Positive Results Average-Min-Max Table

Summary Table 1

	Detergent Avg ppm	Min	Max	Ammonia Nitrogen Avg ppm	Min	Max	Chlorine Avg ppm	Min	Max
Major Sherman	0.1	0.1	0.2	0.1	0.1	0.5	0.1	0.0	0.4
Twin 51s	0.4	0.2	2.3	0.3	0.0	1.0	0.1	0.0	0.2
San Carlos	0.4	0.1	3.5	0.1	0.1	0.3	0.1	0.0	0.4
Steinbeck Plaza	0.8	0.1	2.7	0.5	0.1	3.0	0.1	0.0	0.2
Library	0.1	0.1	0.3	0.2	0.1	0.8	0.1	0.0	0.4

	pH Avg.	Min	Max	Air Temp Avg.	Min	Max	Water Temp Avg.	Min	Max
Major Sherman	7.2	7.0	7.5	22.0	15.7	27.2	18.5	14.5	22.9
Twin 51s	7.3	7.0	7.5	19.8	12.9	27.3	19.3	16.7	21.5
San Carlos	7.5	7.0	7.5	19.8	14.4	31.7	18.4	14.9	22.0
Steinbeck Plaza	7.4	7.0	7.5	20.2	16.4	31.2	18.4	16.6	20.7
Library	7.3	7.0	7.5	20.9	14.1	33.1	16.3	14.5	19.0

	Conductivity Avg. (uS)	Min	Max	Flow Width Avg	Min	Max	Flow Depth Avg	Min	Max
Major Sherman	1259	1090	1400	12.1	2.5	20.0	0.8	0.4	2.0
Twin 51s	1891	380	3400	27.1	19.0	38.0	1	0.5	1.5
San Carlos	1777	1100	3400	7.7	0.9	13.0	0.6	0.1	3.0
Steinbeck Plaza	1960	1000	8200	10.9	2.5	17.5	0.6	0.1	3.0
Library	2568	2000	3200	37.9	3.0	90.0	3.4	0.5	16.5

Urban Watch Monitoring Maximum Values**Summary Table 2**

	Ammonia Nitrogen (ppm)	Chlorine (ppm)	Copper (ppm)	Detergents (ppm)
WQO:	0.025	N/A	.03ppm	0.00
Minimal Detection Limit:	>0.1	>0.2	>0.0	>0.1
Major Sherman	0.5	0.4	0.25	0.2
Twin 51s	1.0	0.2	0.00	2.3
San Carlos	0.3	0.4	0.25	3.5
Steinbeck Plaza	3.0	0.2	0.25	2.7
Library	0.8	0.4	0.25	0.3

WQO= Water Quality Objective

Urban Watch Monitoring Frequency & Percentage Values

Summary Table 3

	Detergents (ppm)	%	Ammonia Nitrogen (ppm)	%
Major Sherman	2 of 12	17	3 of 12	25
Twin 51s	20 of 20	100	8 of 20	40
San Carlos	9 of 22	41	5 of 22	23
Steinbeck Plaza	21 of 22	95	8 of 22	36
Library	3 of 22	14	7 of 22	32

	Copper (ppm)	%	Chlorine (ppm)	%
Major Sherman	1 of 12	8	1 of 12	8
Twin 51s	0 of 20	0	0 of 20	0
San Carlos	1 of 22	5	2 of 22	9
Steinbeck Plaza	2 of 22	9	0 of 21	0
Library	1 of 22	5	1 of 22	5

	Conductivity (uS)*	%	Turbidity (>Low)[†]	%	Presence of flow
Major Sherman	0 of 12	0	0 of 12	0	12 of 22
Twin 51s	9 of 20	45	1 of 20	5	20 of 22
San Carlos	6 of 22	27	0 of 22	0	22 of 22
Steinbeck Plaza	4 of 22	18	0 of 22	0	22 of 22
Library	22 of 22	100	0 of 22	0	22 of 22

Example of how to read these values: "7 of 8" detergents were detected 7 times of the 8 times measured at Site X.

* Conductivity "frequency" refers to the number of times over detectable range of 1999 microS.

[†] Turbidity visual assessment based upon Low/Med/or High values

Urban Watch Monitoring Frequency & Percentage Values**Summary Table 4**

	trash	%	sewage	%
Major Sherman	6 of 12	50	0 of 12	0
Twin 51s	17 of 20	85	0 of 20	0
San Carlos	14 of 22	64	0 of 22	0
Steinbeck Plaza	21 of 22	95	4 of 21	19
Library	16 of 22	73	1 of 21	5

	oil sheen	%	surface scum	%
Major Sherman	1 of 12	8	3 of 12	25
Twin 51s	1 of 20	5	7 of 20	35
San Carlos	0 of 21	0	0 of 21	0
Steinbeck Plaza	3 of 21	14	2 of 21	10
Library	1 of 21	5	4 of 21	19

	odor	%	color	%
Major Sherman	0 of 12	0	5 of 12	42
Twin 51s	0 of 20	0	9 of 20	45
San Carlos	0 of 22	0	11 of 22	50
Steinbeck Plaza	0 of 19	0	11 of 22	50
Library	0 of 19	0	11 of 22	50

Example of how to read these values: "7 of 8" detergents were detected 7 times of the 8 times measured at Site X.

Urban Watch Bacteria Monitoring Results (MPN/100ml)
Summary Table 5

6/25/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	388	517	368	>2400	2401
Total Coliform (MPN/100ml)	= 10,000	>2400	>2400	>2400	>2400	>2400

7/16/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	63	816	368	14,100	1785
Total Coliform (MPN/100ml)	= 10,000	12033	10,462	>24,000	>24,000	>24,000

7/23/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	86	1,250	99	2,430	13,960
Total Coliform (MPN/100ml)	= 10,000	6867	24,000	18,720	>240,000	>240,000

8/5/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	74	305	158	6,690	860
Total Coliform (MPN/100ml)	= 10,000	>24,000	9,208	>24,000	>240,000	198,630

8/18/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	N/A	3,076	17,329	>24,000	5,200
Total Coliform (MPN/100ml)	= 10,000	N/A	N/A	N/A	N/A	N/A

9/11/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	99	>24,000	275	8,600	19,863
Total Coliform (MPN/100ml)	= 10,000	8420	>24,000	12,033	>240,000	>240,000

9/22/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	63	24,810	20	21,870	48,840
Total Coliform (MPN/100ml)	= 10,000	7270	38,730	11,199	>240,000	>240,000

10/14/2003

Parameter	WQO	Eldorado	Library	San Carlos	Steinbeck	Twins
E.coli (MPN/100ml)	= 400	2,489	3,540	>24,000	141,360	17,820
Total Coliform (MPN/100ml)	= 10,000	17,329	9,330	>24,000	>240,000	>240,000

Ubran Watch 2003 raw data

Summary Table 6

SiteTag	Date	Time	RAIND	DEPTH	WIDTH	WIDTH_wetted	AIR_TEMP C	H2O_TEMP C	COND_MS	COND_US	PH	TRASH	SEWAGE	OIL SHEEN	SURFACE SCUM	DETERGENT	RESIDUAL CHLORINE (Total)	COPPER	NH3_N	TURBIDITY	ODOR	COLOR
LIBRA-31	06/10/03	17:50	0	2.5	75.0	121.0	14.8	14.7	2.00	2000	7.0	0	0	0	0	0.05	0.10	0.00	0.25	Low	0	BCS91
LIBRA-31	06/12/03		0	2.5	58.0	55.0	14.1	14.6	2.50	2500	7.5	1	0	0	0	0.05	0.10	0.00	0.10	Low	0	BCS39
LIBRA-31	06/24/03	12:45	0	1.0	5.0	7.0	22.6	14.5	2.40	2400	7.0	1	0	1	1	0.05	0.10	0.00	0.25	Low	0	BCS93
LIBRA-31	06/25/03	14:39	0	1.0	6.0	12.0	33.1	15.6	2.20	2200	7.5	1	0	0	0	0.05	0.10	0.00	0.10	Low	0	BCS93
LIBRA-31	07/07/03	17:30	0	1.0	15.0	78.0	19.6	15.6	2.30	2300	7.5	1	0	0	0	0.05	0.20	0.25	0.05	Low	0	BCS36
LIBRA-31	07/08/03	17:27	0	1.5	31.5	104.0	18.7	15.0	2.30	2300	7.5	0	0	0	0	0.05	0.20	0.00	0.75	Low	0	BCS36
LIBRA-31	07/22/03	14:20	0	1.5	9.0	22.0	24.2	16.3	2.40	2400	7.0	1	1	0	1	0.05	0.10	0.00	0.05	Low	0	BCS93
LIBRA-31	07/23/03	14:18	0	0.5	3.0	106.0	19.8	16.8	2.70	2700	7.0	0	0	0	1	0.05	0.20	0.00	0.10	Low	0	BCS93
LIBRA-31	08/04/03	16:42	0	2.5	20.0	104.0	24.6	18.5	2.60	2600	7.5	1	0	0	0	0.05	0.00	0.00	0.80	Low	0	BCS30
LIBRA-31	08/05/03	16:21	0	2.5	22.0	104.0	23.5	18.7	2.60	2600	7.0	1	0	0	0	0.05	0.40	0.00	0.25	Low	0	BCS93
LIBRA-31	08/19/03	16:27	0	2	35	100	21	17.7	2.80	2800	8	0	0	0	0	0.05	0.10	0.00	0.05	Low	0	BCS93
LIBRA-31	08/20/03	16:29	0	0.5	34.0	105.0	23.3	18.8	2.60	2600	7.5	0	0	0	0	0.05	0.10	0.00	0.20	Low	0	BCS93
LIBRA-31	09/02/03	16:15	0	2.3	59.0	85.0	21	16.6	2.70	2700	7.5	1	0	0	0	0.05	0.00	0.00	0.05	Low	0	BCS36
LIBRA-31	09/04/03	16:34	0	2	38.0	105.0	25	18.0	2.60	2600	7.0	1	0	0	0	0.05	0.20	0.00	0.05	Low	0	BCS36
LIBRA-31	09/16/03	16:37	0	16.5	90.0	120.0	28.0	17.0	2.80	2800	7.5	1	0	0	0	0.20	0.20	0.00	0.05	Low	0	BCS93
LIBRA-31	09/18/03	16:35	0	16.0	85.0	150.0	25.0	17.4	2.60	2600	7.5	0	0	0	0	0.05	0.10	0.00	0.10	Low	0	BCS93
LIBRA-31	09/30/03	17:09	0	2.0	45.0	110.0	18.1	16.4	3.20	3200	7.5	1	0	0	0	0.05	0.10	0.00	0.05	Low		BCS36
LIBRA-31	10/02/03	16:3	0	1.0	45.0	104.0	15.0	16.0	2.90	2900	7.0	0	0	0	0	0.00	0.10	0.00	0.05	Low		BCS36

MSD3	09/30/03	16:31	0	1.5	30.0	43.0	19.0	20.7	1.80	1800	7.0	1	0	0	1	2.30	0.10	0.0	0.05	Medium	0	BCS36
MSD3	10/02/03	16:21	0	1.5	34.0	38.0	16.9	20.1	1.90	1900	7.5	1	0	1	1	0.30	0.10	0.0	0.10	Low	0	BCS36
MSD3	10/16/03	16:16	0	0.5	31.0	42.0	15.5	18.9	1.10	1100	7.0	1	0	0	0	0.60	0.10	0.0	0.10	Low	0	BCS93
MSD3	10/17/03	16:17	0	0.5	31.0	38.0	20.8	18.6	1.30	1300	7.0	1	0	0	0	0.30	0.10	0.0	0.035	Low	0	BCS93
MSD3	10/28/03	16:30	0	1.0	29.0	44.0	16.6	19.1	1.40	1400	7.0	1	0	0	0	0.20	0.10	0.0	0.05	Low	0	BCS36
MSD3	10/29/03	16:50	0	1.5	27.0	41.0	12.9	19.0	1.50	1500	7.0	0	0	0	0	0.60	0.10	0.0	0.05	Low	0	BCS36

MSD4	06/10/03	18:25	0	0.2	0.9	1.7	16.1	18.1	1.60	1600	7.5	1	0	0	0	0.05	0.10	0.0	0.25	Low	0	BCS36
MSD4	06/12/03	18:25	0	0.3	10.0	16.0	15.2	17.4	1.86	1860	7.5	1	0	0	0	0.05	0.10	0.0	0.10	Low	0	BCS91
MSD4	06/24/03	13:40	0	0.5	10.0	16.0	23.4	18.8	1.40	1400	7.5	0	0	0	0	0.20	0.40	0.0	0.25	Low	0	BCS93
MSD4	06/25/03	15:16	0	0.7	10.0	16.5	31.7	22.0	1.30	1300	7.5	1	0	0	0	0.05	0.10	0.0	0.25	Low	0	BCS93
MSD4	07/07/03	17:42	0	3.0	8.0	17.5	17.7	17.7	1.19	1190	7.5	1	0	0	0	0.05	0.00	0.25	0.05	Low	0	BCS36
MSD4	07/08/03	18:40	0	0.7	7.0	12.0	18.6	18.0	1.89	1890	7.5	1	0	0	0	0.05	0.00	0.00	0.10	Low	0	BCS36
MSD4	07/22/03	15:00	0	1.4	13.0	19.0	26.9	20.0	1.40	1400	7.5	0	0	0	0	0.05	0.40	0.0	0.05	Low	0	BCS93
MSD4	07/23/03	15:01	0	0.4	7.5	14.0	20.1	20.0	1.40	1400	7.5	1	0	0	0	0.05	0.10	0.0	0.10	Low	0	BCS93
MSD4	08/04/03	18:00	0	0.1	7.0	46.0	20.6	20.2	2.00	2000	7.5	1	0	0	0	0.05	0.00	0.00	0.05	Low	0	BCS36
MSD4	08/05/03	16:40	0	0.3	7.5	43.0	24.1	20.5	1.40	1400	7.0	0	0	0	0	0.05	0.20	0.0	0.05	Low	0	BCS93
MSD4	08/19/03	16:40	0	0.2	8.0	24.0	22.3	19.8	1.35	1350	7.5	0	0	0	0	0.05	0.20	0.0	0.25	Low	0	BCS93
MSD4	08/20/03	16:21	0	0.5	10	18	23	19.8	1.10	1100	8	0	0	0	0	0.05	0.20	0.0	0.1	Low	0	BCS93
MSD4	09/02/03	17:14	0	0.2	5.0	16.0	21	20.3	1.30	1300	7.5	1	0	0	0	0.90	0.00	0.00	0.05	Low	0	BCS36
MSD4	09/04/03	17:00	0	0.3	6.0	17.0	21	19.3	1.52	1520	7.5	1	0	0	0	0.05	0.00	0.00	0.05	Low	0	BCS36
MSD4	09/16/03	17:36		0.4	9.0	25.0	17.7	18.2	2.70	2700	7.5	1	0	0	0	0.70	0.20	0.0	0.05	Low	0	BCS93

MSD4	09/18/03	17:32		0.5	4.0	15.0	19.9	18.7	2.70	2700	7.5	0	0	0	0	3.50	0.10	0.0	0.10	Low	0	BCS93
MSD4	09/30/03	16:45	0	0.5	11.0	42.0	16.2	17.3	2.30	2300	7.5	1	0	0	0	0.20	0.10	0.0	0.05	Low		BCS36
MSD4	10/02/03	16:55	0	0.5	8.0	60.0	14.5	16.5	1.60	1600	7.5	1	0	0	0	0.05	0.10	0.0	0.05	Low		BCS36
MSD4	10/16/03	16:28	0	0.5	7.0	18.0	17.0	16.0	1.40	1400	7.5	0				0.90	0.10	0.0	0.05	Low	0	BCS93
MSD4	10/17/03	16:27	0	0.7	12.0	20.0	17.3	15.8	2.50	2500	7.5	0	0	0	0	0.30	0.10	0.0	0.10	Low	0	BCS93
MSD4	10/28/03	16:41	0	0.1	4.0	56.0	16.3	16.0	1.80	1800	7.5	1	0	0	0	2.00	0.10	0.0	0.05	Low	0	BCS36
MSD4	10/29/03	16:30	0	0.5	4.0	60.0	14.4	14.9	3.40	3400	7.5	1	0	0	0	0.40	0.10	0.0	0.25	Low	0	BCS36

MSD5	06/10/03	18:00	0	0.5	10.0	19.0	16.4	16.8	2.80	2800	7.5	1	1	0	0	0.30		0.0	0.25	Low	0	BCS120
MSD5	06/12/03	17:50	0	0.5	14.0	20.0	16.8	17.1	1.64	1640	7.5	1	0	0	0	0.30	0.10	0.0	0.25	Low	0	BCS25
MSD5	06/24/03	13:23	0	0.1	2.5	17.5	26.3	17.4	1.60	1600	7.5	1	0	0	0	0.20	0.10	0.0	0.25	Low	0	BCS93
MSD5	06/25/03	14:10	0	1.0	4.0	16.0	31.2	18.5	4.10	4100	7.5	1	0	0	0	1.80	0.10	0.0	2.00	Low	0	BCS93
MSD5	07/07/03	17:23	0	0.5	17.5	20.0	17.9	17.9	1.43	1430	7.5	1	1	0	0	0.40	0.00	0.25	0.05	Low	0	BCS36
MSD5	07/08/03	17:25	0	0.5	10.0	16.0	18.7	17.6	1.43	1430	7.5	4	0	0	0	0.30	0.00	0.0	0.50	Low	0	BCS39
MSD5	07/22/03	14:02	0	0.5	11.0	20.0	23.2	19.3	2.10	2100	7.5	1	0	0	0	0.60	0.10	0.0	3.00	Low	0	BCS93
MSD5	07/23/03	14:15	0	0.5	15.0	21.0	20.4	18.4	1.00	1000	7.5	1	0	1	0	0.20	0.10	0.0	0.10	Low	0	BCS93
MSD5	08/04/03	17:44	0	0.4	11.5	20.0	22.5	20.1	1.30	1300	7.5	1	0	0	0	0.70	0.20	0.0	1.00	Low	0	BCS36
MSD5	08/05/03	16:10	0	0.5	12.0	19.0	23.6	19.9	1.43	1430	7.0	1	0	0	0	0.60	0.20	0.0	2.00	Low	0	BCS93
MSD5	08/19/03	16:15	0	0.5	11	15	20	19.3	8.20	8200	8	1	1	1	1	1.40	0.10	0.25	0.05	Low	0	BCS93
MSD5	08/20/03	16:01	0	0.1	12.0	22.0	22.1	18.7	1.30	1300	7.5	1	1	1	0	0.60	0.10	0.0	0.05	Low	0	BCS93
MSD5	09/02/03	16:21	0	3.0	15.0	21.0	21	19.5	1.50	1500	7.5	1	0	0	0	0.05	0.20	0.0	0.05	Low	0	BCS36
MSD5	09/04/03	16:45	0	0.5	13.0	19.0	21	19.4	1.41	1410	7.5	1	0	0	0	2.70	0.20	0.0	0.10	Low	0	BCS36
MSD5	09/16/03	17:20	0	0.5	14.0	19.0	18.3	20.0	1.40	1400	7.5	1	0	0	0	0.70	0.20	0.0	0.05	Low	0	BCS93

MSD5	09/18/0 3	17:1 6	0	1.0	16. 0	20.0	22. 6	20. 7	1.2 0	1200	7. 0	1	0	0	0	1.4 0	0.1 0	0.0	0.10	Low	0	BCS93
MSD5	09/30/0 3	16:2 5	0	1.0	14. 0	17.0	18. 4	18. 7	1.6 0	1600	7. 5	1	0	0	0	0.8 0	0.1 0	0.0	0.05	Low		BCS39
MSD5	10/02/0 3	16:4 0	0	0.5	11. 0	20.0	16. 9	17. 9	1.6 0	1600	7. 5	1	0	0	0	1.1 0	0.2 0	0.0	0.05	Low		BCS36
MSD5	10/16/0 3	16:0 3		0.5	5.0	19.0	16. 5	17. 0	1.4 0	1400	7. 0	1				1.3 0	0.1 0	0.0	0.05	Low	0	BCS93
MSD5	10/17/0 3	16:0 9	0	0.5	13. 5	24.0	17. 7	16. 6	1.8 0	1800	7. 5	0	0	0	0	0.3 0	0.1 0	0.0	0.10	Low	0	BCS93
MSD5	10/28/0 3	16:2 1	0	0.5	3.0	4.5	17. 6	16. 9	1.4 0	1400	7. 5	1	0	0	1	0.8 0	0.1 0	0.0	0.05	Low	0	BCS36
MSD5	10/29/0 3	16:1 3	0	0.2	4.5	21.0	16. 4	16. 6	1.5 0	1500	7. 0	1	0	0	0	1.4 0	0.1 0	0.0	0.05	Low	0	BCS36