

**City of Scotts Valley Urban Watch Storm Drain Monitoring Program
Date Results June 28 - October 27, 2005**

Appendices

Appendix 1

Table 1	2005 Parameter Average-Minimum-Maximum	Quantitative and measured data
Table 2	2005 Parameter Maximum	Quantitative data
Table 3	2005 Parameter Frequency	Quantitative and measured data
Table 4	2005 Parameter Frequency	Qualitative data
Table 5	2005 Parameter Bacteria counts	Quantitative data
Table 6	2005 Field Data	Represents all data collected on all field visits.

Urban Watch Monitoring Laboratory Analysis

Summary Table 5

Sampling Information		Nutrients				Bacteria			
Sample_ID	Date	NO ₃		Op	NH ₃	E.coli	T.coliform		
WQO		≤ 2.25		≤ 0.37	0.025	≤ 400	≤ 10000		
SVSD-01	7/27/05	=	0.61	ND	ND	211	=	14136	
SVSD-01FD	7/27/05	=	0.59	ND	ND	243	=	12997	
SVSD-01FB	7/27/05		ND	ND	ND	ND	=	ND	
SVSD-01	8/29/05	=	0.55	=	0.05	NA	2481	=	12997
SVSD-01FD	8/29/05	=	0.56	=	0.05	NA	2382	=	19863
SVSD-01FB	8/29/05		ND	ND	NA	ND		ND	
SVSD-01	9/29/05	=	0.659	<	0.05	0.041	134	=	1782
SVSD-01FD	9/29/05	=	0.613	<	3.05	0.029	74	=	1669
SVSD-01FB	9/29/05	<	0.01	<	0.01	0.024	ND		ND
SVSD-01	10/25/05	=	1.204	=	0.091	ND	537	>	24192
SVSD-01FD	10/25/05	=	1.197	=	0.091	ND	583	>	24192
SVSD-01FB	10/25/05		ND	ND	ND	ND		ND	
SVSD-02	7/27/05	=	2.831	=	0.468	0.712	272	=	7701
SVSD-02	8/29/05	=	0.58	=	0.47	NA	341	=	1664
SVSD-02	9/29/05	=	0.156	=	0.938	0.367	20	=	24192
SVSD-02	10/25/05	=	1.128	=	0.466	ND	63	>	24192
SVSD-03	9/29/05	=	0.247	=	0.666	0.016	313	=	2909
SVSD-03	10/25/05	=	0.347	=	0.337	ND	631	=	19863
SVSD-04	7/27/05	=	0.853	=	0.601	0.108	432	=	733
SVSD-04	8/29/05	=	0.46	=	0.29	NA	135	=	3654
SVSD-04	9/29/05	=	0.505	=	0.43	0.015	158	=	2014
SVSD-04	10/25/05	=	1.389	=	0.303	NA	173	=	14136
SVSD-05	7/27/05	=	0.531	ND		0.338	2613	>	24192
SVSD-06	7/27/05	=	0.169	ND		0.46	10	=	3873
SVSD-06	8/29/05	=	0.05	=	0.1	NA	31	=	6867
SVSD-06	9/29/05	<	0.01	=	0.194	0.018	20	=	637
SVSD-06	10/25/05	=	0.093	=	0.15	ND	95	=	2481
Lab QA	Date	NO ₃		Op	NH ₃	E.coli	T.coliform		
Blank	7/27/05		n.d.	n.d.	n.d.	n.d.		n.d.	
E.coli	7/27/05					pos		pos	
Klebsiella	7/27/05					neg		pos	
Blank	9/29/05		n.d.	n.d.	n.d.	n.d.		n.d.	
E.coli	9/29/05					pos		pos	
Klebsiella	9/29/05					neg		pos	
Blank	10/26/05		n.d.	n.d.	n.d.	n.d.		n.d.	
E.coli	10/26/05					pos		pos	
Klebsiella	10/26/05					neg		pos	

ND = Non Detect ; NA = Not Applicable (test not done).

FB= Field Blank; FD = Field Duplicate.

ND = Nutrient Duplicate: these are not included in the parameter discussion as individual values.

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

Station	trash	sewage
Glen Canyon	10 of 40	0 of 40
Disc Drive	12 of 38	5 of 38
Carbonero #1	8 of 38	1 of 38
Carbonero #2	13 of 38	1 of 38
Seagate	9 of 38	3 of 38
Granite Creek	8 of 38	1 of 38

Station	oil sheen	surface scum
Glen Canyon	0 of 40	0 of 40
Disc Drive	4 of 38	2 of 38
Carbonero #1	0 of 38	4 of 38
Carbonero #2	7 of 38	0 of 38
Seagate	7 of 38	3 of 38
Granite Creek	3 of 38	4 of 38

Station	odor	color
Glen Canyon	0 of 40	0 of 40
Disc Drive	0 of 38	0 of 38
Carbonero #1	1 of 38	0 of 38
Carbonero #2	0 of 38	0 of 38
Seagate	0 of 38	0 of 38
Granite Creek	0 of 38	0 of 38

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 Monitoring Frequency Values**Summary Table 3**

Station	Detergents (ppm)	Phenols (ppm)	Ammonia Nitrogen (ppm)
Glen Canyon	3 of 37	0 of 39	8 of 24
Disc Drive	6 of 36	0 of 36	7 of 26
Carbonero #1	6 of 13	0 of 13	2 of 12
Carbonero #2	3 of 35	0 of 35	5 of 25
Seagate	6 of 14	0 of 14	1 of 2
Granite Creek	0 of 36	0 of 35	2 of 24

Station	Copper (ppm)	Chlorine (ppm)	Nitrate Nitrogen (ppm)
Glen Canyon	0 of 37	0 of 37	0 of 18
Disc Drive	0 of 36	0 of 36	1 of 19
Carbonero #1	0 of 13	0 of 13	0 of 8
Carbonero #2	1 of 35	0 of 35	0 of 18
Seagate	0 of 14	0 of 14	N/A
Granite Creek	0 of 36	0 of 36	0 of 18

Station	Conductivity (uS)*	Turbidity (>Low) ^t	Presence of flow
Glen Canyon	0 of 37	0 of 37	39 of 40
Disc Drive	0 of 38	0 of 36	38 of 38
Carbonero #1	0 of 14	0 of 13	14 of 38
Carbonero #2	0 of 38	0 of 35	38 of 38
Seagate	0 of 14	0 of 14	14 of 38
Granite Creek	0 of 38	0 of 36	38 of 38

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.

^t Turbidity visual assessment based upon Low/Med/or High values

N/A = Test not performed at this station.

Urban Watch Monitoring Maximum Values**Summary**

Station	Detergent (ppm)	Chlorine (ppm)	Phenols (ppm)	Copper (ppm)	Ammonia Nitrogen (ppm)
WQO:	N/A	N/A	N/A	0.03ppm	0.025
Minimal Detection Limit:	>0.1	>0.2	>0.5	>0.0	>0.0
Glen Canyon	0.2	0.2	n.d	n.d	0.56
Disc Drive	0.4	0.2	n.d	n.d	0.56
Carbonero #1	0.3	0.2	n.d	n.d	0.56
Carbonero #2	0.3	0.2	n.d	0.5	0.56
Seagate	0.3	0.2	n.d	n.d	0.28
Granite Creek	n.d	0.2	n.d	n.d	0.56

Based on measureable values above the "non-detect" value of the equipment used: no non-detect numerical values used in minimums or averages.

Table 2

Nitrate Nitrogen (ppm)
2.25
>0.0
0.50
4.00
0.25
0.50
N/A
0.25

Urban Watch Positive Results Average-Min-Max Table**Summary Table 1**

Station	Detergent Avg ppm	Min	Max	Ammonia Nitrogen Avg ppm	Min	Max	Chlorine Avg ppm	Min	Max
Glen Canyon	0.20	0.2	0.2	0.20	0.06	0.56	n.d.	n.d.	n.d.
Disc Drive	0.30	0.2	0.4	0.31	0.60	0.56	n.d.	n.d.	n.d.
Carbonero #1	0.23	0.2	0.3	0.42	0.28	0.56	n.d.	n.d.	n.d.
Carbonero #2	0.23	0.2	0.3	0.24	0.06	0.56	n.d.	n.d.	n.d.
Seagate	0.22	0.2	0.3	*0.28	0.28	0.28	n.d.	n.d.	n.d.
Granite Creek	n.d	n.d	n.d	0.42	0.28	0.56	n.d.	n.d.	n.d.

Station	pH Avg.	Min	Max	Air Temp Avg.	Min	Max	Water Temp Avg.	Min	Max
Glen Canyon	7.0	6.5	8.0	20.9	9.0	33.0	19.1	15.5	21.5
Disc Drive	7.0	6.5	7.5	19.8	11.5	27.0	16.9	13.0	23.5
Carbonero #1	7.4	6.5	8.0	21.8	13.0	30.0	15.6	13.5	19.5
Carbonero #2	7.0	6.0	8.0	20.6	11.5	29.5	17.7	14.5	20.0
Seagate	7.1	6.5	7.5	21.4	14.0	30.0	19.6	15.0	22.0
Granite Creek	7.2	6.0	7.5	20.1	10.0	28.0	16.3	12.0	20.0

Station	Conductivity Avg. (uS)	Min	Max	Phenols	Min	Max	Copper	Min	Max
Glen Canyon	650	520	780	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Disc Drive	820	520	1030	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Carbonero #1	890	810	1050	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Carbonero #2	610	430	810	n.d.	n.d.	n.d.	0.5	0.5	0.5
Seagate	600	400	830	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
Granite Creek	410	360	670	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.

Station	Nitrate Nitrogen	Min	Max
Glen Canyon	0.40	0.25	0.50
Disc Drive	0.91	0.25	4.00
Carbonero #1	*0.25	0.25	0.25
Carbonero #2	0.40	0.25	0.50
Seagate	N/A	N/A	N/A
Granite Creek	*0.25	0.25	0.25

Based on measurable values above the "non-detect" value of the equipment used: no non-detect numerical values used in minimums or averages.

* = Values based on only one value.

n.d. = not detected at this station

N/A = Test not performed at this station.

Scotts Valley Urban Watch 2005

Urban Watch Raw Data Results

Raw Data Table 6

Scotts Valley Program Summary:			Date	AirTemp C	WaterTemp C	Chlorine	Conductivity	Copper	Detergent	Amm-Mitrogen NH ₃ -N	Amm-Nitrogen NH ₃ <small>(calculated value=NH3-N*1.214)</small>	Nitrate-Nitrogen NO ₃ -N	Nitrite NO ₂	pH [<small><6.5, >8.0</small>]	Phenols
Program	Station	Count	230	229	179	0	181	1	24	22	22	34	39	180	0
		Min	6/19/05	9.0	12.0	0	360	0.5	0.2	0.05	0.06	0.25	0.25	6.0	0.0
		Max	10/28/05	33.0	23.5	0	1050	0.5	0.4	0.50	0.56	4.00	5.00	8.0	0.0
		Average	8/28/05	20.8	17.5	N/A	646	0.5	0.2	0.26	0.29	0.65	0.37	7.1	N/A
		Median	8/29/05	21.0	17.5	N/A	640	0.5	0.2	0.25	0.28	0.50	0.25	7.0	N/A
UW05	Glen Canyon	304-SVSD-01	06/19/05	24.0	21.0	n.d.	630	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	06/29/05	26.5	20.0	n.d.	520	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	06/29/05	26.5	20.0	n.d.	520	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	07/01/05	24.0	20.0	n.d.	610	n.d.	n.d.					7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	07/07/05	21.0	20.0	n.d.	610	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	07/09/05	24.5	20.0	n.d.	620	n.d.	n.d.					7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	07/11/05	21.5	20.0	n.d.	650	n.d.	n.d.					7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	07/12/05	29.5	21.5	n.d.	650	n.d.	n.d.					7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	07/19/05	24.0	21.0	n.d.	630	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	07/23/05	33.0	20.0	n.d.	610	n.d.	n.d.					7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	07/25/05	24.0	20.0	n.d.	700	n.d.	n.d.					7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	07/27/05	16.5	20.0	n.d.	700	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	08/02/05	17.5	20.0	n.d.	710	n.d.	n.d.					7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	08/03/05	23.0	21.0	n.d.	640	n.d.	n.d.					7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	08/09/05	19.0	20.0	n.d.	670	n.d.	n.d.					6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	08/10/05	23.0	21.5	n.d.	670	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	08/16/05	15.5	20.0	n.d.	740	n.d.	n.d.	0.10	0.11			7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	08/17/05	19.0	20.0	n.d.	680	n.d.	n.d.	n.d.	n.d.			8.0	n.d.
UW05	Glen Canyon	304-SVSD-01	08/22/05	21.0	20.0	n.d.	680	n.d.	0.2	n.d.	n.d.			7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	08/26/05	21.0	19.0	n.d.	670	n.d.	n.d.	n.d.	n.d.	0.50	0.25	7.0	n.d.

Scotts Valley Program Summary:			Date	AirTemp C	WaterTemp C	Chlorine	Conductivity	Copper	Detergent	Amm-Mitrogen NH ₃ -N	Amm-Nitrogen NH ₃ (calculated value=NH3-N*1.214)	Nitrate-Nitrogen NO ₃ -N	Nitrite NO ₂	pH [<6.5, >8.0]	Phenols
UW05	Glen Canyon	304-SVSD-01	08/29/05	24.5	20.0		620			n.d.	n.d.	0.50	0.25	7.0	
UW05	Glen Canyon	304-SVSD-01	08/31/05	24.0	20.0	n.d.	650	n.d.	n.d.	n.d.	n.d.	0.50	0.25	7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/01/05	24.0	20.0	n.d.	590	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/05/05	21.0	20.0	n.d.	650	n.d.	n.d.	0.10	0.11	0.50	0.25	7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/07/05	20.0		n.d.	600	n.d.	n.d.	0.05	0.06	0.50	0.25	7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/16/05	20.0	19.0	n.d.	600	n.d.	n.d.	n.d.	n.d.	0.50	0.25	7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/17/05	18.0	18.0	n.d.	640	n.d.	n.d.	n.d.	n.d.	0.25	0.25	6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/22/05	19.0	17.5	n.d.	680	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/23/05	22.0	17.0	n.d.	590	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	09/26/05	12.0	17.0	n.d.	740	n.d.	0.2	n.d.	n.d.	n.d.	0.25	6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	09/29/05	27.5	19.0		590			n.d.	n.d.	0.25	0.25	7.0	
UW05	Glen Canyon	304-SVSD-01	09/29/05	29.0	19.0	n.d.	590	n.d.	n.d.	n.d.	n.d.	0.25	0.25	7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	10/04/05	20.0	17.0	n.d.	620	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	10/07/05	12.0	17.0	n.d.	780	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	10/11/05	14.5	16.5	n.d.	710	n.d.	n.d.	0.10	0.11	n.d.	0.25	7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	10/15/05	21.0											
UW05	Glen Canyon	304-SVSD-01	10/17/05	9.0	15.5	n.d.	650	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	10/18/05	14.0	17.0	n.d.	690	n.d.	n.d.	n.d.	n.d.	0.25	0.25	6.5	n.d.
UW05	Glen Canyon	304-SVSD-01	10/25/05	12.5	16.0	n.d.	620	n.d.	0.2	0.50	0.56			7.0	n.d.
UW05	Glen Canyon	304-SVSD-01	10/28/05	19.5	16.0	n.d.	660	n.d.	n.d.	0.25	0.28			7.5	n.d.
UW05	Disc Drive	304-SVSD-02	06/29/05	25.5	17.5	n.d.	560	n.d.	n.d.						n.d.
UW05	Disc Drive	304-SVSD-02	07/01/05	22.0	17.5	n.d.	520	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	07/07/05	19.0	17.0	n.d.	620	n.d.	n.d.					6.5	n.d.
UW05	Disc Drive	304-SVSD-02	07/09/05	23.5	18.0	n.d.	830	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	07/11/05	23.0	19.0	n.d.	820	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	07/12/05	24.5	19.0	n.d.	850	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	07/19/05	22.5	19.0	n.d.	740	n.d.	n.d.					7.5	n.d.
UW05	Disc Drive	304-SVSD-02	07/23/05	25.0	18.0	n.d.	770	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	07/25/05	21.0	19.5	n.d.	700	n.d.	0.3					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	07/27/05	22.0	18.0	n.d.	770	n.d.	n.d.					7.0	n.d.

Scotts Valley Program Summary:			Date	AirTemp C	WaterTemp C	Chlorine	Conductivity	Copper	Detergent	Amm-Mitrogen NH ₃ -N	Amm-Nitrogen NH ₃ (calculated value=NH3-N*1.214)	Nitrate-Nitrogen NO ₃ -N	Nitrite NO ₂	pH [<6.5, >8.0]	Phenols
UW05	Disc Drive	304-SVSD-02	08/02/05	17.5	18.0	n.d.	820	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	08/03/05	18.5	18.5	n.d.	760	n.d.	n.d.					7.0	n.d.
UW05	Disc Drive	304-SVSD-02	08/09/05	20.0	18.5	n.d.	750	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Disc Drive	304-SVSD-02	08/10/05	23.0	18.5	n.d.	760	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Disc Drive	304-SVSD-02	08/16/05	17.0	18.0	n.d.	760	n.d.	n.d.	n.d.	n.d.			6.5	n.d.
UW05	Disc Drive	304-SVSD-02	08/17/05	18.0	18.0	n.d.	790	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Disc Drive	304-SVSD-02	08/22/05	21.0	17.5	n.d.	760	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Disc Drive	304-SVSD-02	08/26/05	21.0	17.0	n.d.	750	n.d.	n.d.	n.d.	n.d.	0.50	0.25	7.5	n.d.
UW05	Disc Drive	304-SVSD-02	08/29/05	24.0	23.5		700			n.d.	n.d.	0.50	0.25	7.0	
UW05	Disc Drive	304-SVSD-02	08/31/05	22.5	17.5	n.d.	950	n.d.	0.4	n.d.	n.d.	4.00	0.25	6.5	n.d.
UW05	Disc Drive	304-SVSD-02	09/01/05	20.0	19.0	n.d.	740	n.d.	n.d.	n.d.	n.d.	1.00	0.25	7.0	n.d.
UW05	Disc Drive	304-SVSD-02	09/05/05	20.5	18.5	n.d.	880	n.d.	0.3	n.d.	n.d.	2.00	0.25	7.5	n.d.
UW05	Disc Drive	304-SVSD-02	09/07/05	18.5	17.0	n.d.	910	n.d.	n.d.	n.d.	n.d.	2.00	0.25	7.5	n.d.
UW05	Disc Drive	304-SVSD-02	09/16/05	18.0	15.5	n.d.	860	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.
UW05	Disc Drive	304-SVSD-02	09/17/05	17.0	15.0	n.d.	910	n.d.	n.d.	n.d.	n.d.	1.00	0.25	7.0	n.d.
UW05	Disc Drive	304-SVSD-02	09/22/05	18.0	16.0	n.d.	950	n.d.	n.d.	n.d.	n.d.	0.50		7.0	n.d.
UW05	Disc Drive	304-SVSD-02	09/23/05	20.0	15.0	n.d.	980	n.d.	n.d.	n.d.	n.d.	1.00		7.0	n.d.
UW05	Disc Drive	304-SVSD-02	09/26/05	14.5	14.5	n.d.	950	n.d.	n.d.	n.d.	n.d.	0.50		6.5	n.d.
UW05	Disc Drive	304-SVSD-02	09/29/05	26.5	15.5	n.d.	950	n.d.	n.d.	0.50	0.56	0.50		7.5	n.d.
UW05	Disc Drive	304-SVSD-02	09/29/05	27.0	15.5		950			0.50	0.56	0.50		7.5	
UW05	Disc Drive	304-SVSD-02	10/04/05	19.0	14.5	n.d.	880	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Disc Drive	304-SVSD-02	10/07/05	13.5	14.0	n.d.	940	n.d.	n.d.	0.10	0.11	0.25		7.5	n.d.
UW05	Disc Drive	304-SVSD-02	10/11/05	16.0	13.0	n.d.	830	n.d.	0.2	0.05	0.06	0.25		7.0	n.d.
UW05	Disc Drive	304-SVSD-02	10/15/05	19.0	15.0	n.d.	900	n.d.	0.3	n.d.	n.d.	0.50		6.5	n.d.
UW05	Disc Drive	304-SVSD-02	10/17/05	11.5	13.0	n.d.	1030	n.d.	n.d.	0.05	0.06	0.25		6.5	n.d.
UW05	Disc Drive	304-SVSD-02	10/18/05	14.5	15.5	n.d.	970	n.d.	n.d.	n.d.	n.d.	0.25		7.5	n.d.
UW05	Disc Drive	304-SVSD-02	10/25/05	13.0	15.0	n.d.	800	n.d.	0.3	0.50	0.56			7.0	n.d.
UW05	Disc Drive	304-SVSD-02	10/28/05	16.5	15.0	n.d.	920	n.d.	n.d.	0.25	0.28			7.0	n.d.
UW05	Carbonero #1	304-SVSD-03	06/29/05	26.0											
UW05	Carbonero #1	304-SVSD-03	07/01/05	22.5											

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UW05	Carbonero #1	304-SVSD-03	07/07/05	22.0											
UW05	Carbonero #1	304-SVSD-03	07/09/05	26.0											
UW05	Carbonero #1	304-SVSD-03	07/11/05	24.5	17.5	n.d.	850	n.d.	n.d.					8.0	n.d.
UW05	Carbonero #1	304-SVSD-03	07/12/05	28.5	19.5	n.d.	860	n.d.	n.d.					7.5	n.d.
UW05	Carbonero #1	304-SVSD-03	07/19/05	24.5											
UW05	Carbonero #1	304-SVSD-03	07/23/05	29.9											
UW05	Carbonero #1	304-SVSD-03	07/25/05	24.5											
UW05	Carbonero #1	304-SVSD-03	07/27/05	22.0											
UW05	Carbonero #1	304-SVSD-03	08/02/05	20.5											
UW05	Carbonero #1	304-SVSD-03	08/03/05	20.0											
UW05	Carbonero #1	304-SVSD-03	08/09/05	21.0	16.0	n.d.	870	n.d.	0.3	n.d.	n.d.			7.5	n.d.
UW05	Carbonero #1	304-SVSD-03	08/10/05	26.0											
UW05	Carbonero #1	304-SVSD-03	08/15/05	18.0	16.0	n.d.	910	n.d.	0.2	n.d.	n.d.			7.5	n.d.
UW05	Carbonero #1	304-SVSD-03	08/17/05	20.0											
UW05	Carbonero #1	304-SVSD-03	08/22/05	22.0											
UW05	Carbonero #1	304-SVSD-03	08/26/05	23.5											
UW05	Carbonero #1	304-SVSD-03	08/29/05	25.0											
UW05	Carbonero #1	304-SVSD-03	08/31/05	24.0											
UW05	Carbonero #1	304-SVSD-03	09/01/05	23.0											
UW05	Carbonero #1	304-SVSD-03	09/05/05	22.5											
UW05	Carbonero #1	304-SVSD-03	09/07/05	20.5											
UW05	Carbonero #1	304-SVSD-03	09/16/05	19.5	16.0	n.d.	840	n.d.	0.2	n.d.	n.d.	n.d.	0.25	8.0	n.d.
UW05	Carbonero #1	304-SVSD-03	09/17/05	18.0	16.0	n.d.	870	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	6.5	n.d.
UW05	Carbonero #1	304-SVSD-03	09/22/05	21.0	15.0	n.d.	850	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carbonero #1	304-SVSD-03	09/23/05	23.0											
UW05	Carbonero #1	304-SVSD-03	09/26/05	17.0											
UW05	Carbonero #1	304-SVSD-03	09/29/05	30.0											
UW05	Carbonero #1	304-SVSD-03	09/29/05	29.5	16.5		850			n.d.	n.d.	n.d.		7.5	
UW05	Carbonero #1	304-SVSD-03	10/04/05	22.5											
UW05	Carbonero #1	304-SVSD-03	10/07/05	15.0											

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UW05	Carbonero #1	304-SVSD-03	10/11/05	18.0	13.5	n.d.	1050	n.d.	0.2	n.d.	n.d.	n.d.		7.5	n.d.
UW05	Carbonero #1	304-SVSD-03	10/15/05	19.0	15.0	n.d.	940	n.d.	0.2	n.d.	n.d.	0.25		7.5	n.d.
UW05	Carbonero #1	304-SVSD-03	10/17/05	13.0	14.5	n.d.	900	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carbonero #1	304-SVSD-03	10/18/05	15.5	14.5	n.d.	970	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carbonero #1	304-SVSD-03	10/25/05	14.0	15.0	n.d.	810	n.d.	0.3	0.50	0.56			7.5	n.d.
UW05	Carbonero #1	304-SVSD-03	10/28/05	18.0	14.0	n.d.	880	n.d.	n.d.	0.25	0.28			7.5	n.d.
UW05	Carbonero #2	304-SVSD-04	06/29/05	26.5	18.0	n.d.	580	n.d.	n.d.					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	07/01/05	22.5	17.5		460							6.0	
UW05	Carbonero #2	304-SVSD-04	07/07/05	21.0	17.5	n.d.	560	n.d.	0.2					6.0	n.d.
UW05	Carbonero #2	304-SVSD-04	07/09/05	24.5	19.5	n.d.	750	n.d.	0.2					7.5	n.d.
UW05	Carbonero #2	304-SVSD-04	07/11/05	23.0	19.0	n.d.	490	n.d.	n.d.					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	07/12/05	28.0	19.5	n.d.	430	n.d.	n.d.					6.5	n.d.
UW05	Carbonero #2	304-SVSD-04	07/19/05	24.0	19.0	n.d.	470	n.d.	n.d.					6.5	n.d.
UW05	Carbonero #2	304-SVSD-04	07/23/05	28.0	19.0	n.d.	620	n.d.	n.d.					6.5	n.d.
UW05	Carbonero #2	304-SVSD-04	07/25/05	19.5		n.d.	610	n.d.	n.d.					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	07/27/05	20.5	18.5	n.d.	630	0.5	0.3					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/02/05	18.5	18.0	n.d.	630	n.d.	n.d.					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/03/05	20.0	20.0	n.d.	560	n.d.	n.d.					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/09/05	20.0	19.5	n.d.	580	n.d.	n.d.					7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/10/05	23.5	19.0	n.d.	640	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/16/05	17.0	19.5	n.d.	630	n.d.	n.d.	0.05	0.06			7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/17/05	19.0	19.5	n.d.	600	n.d.	n.d.	0.05	0.06			7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/22/05	21.0	18.5	n.d.	640	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/26/05	22.0	17.5	n.d.	620	n.d.	n.d.	n.d.	n.d.	0.50	0.25	7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	08/29/05	24.0	19.0		580			n.d.	n.d.	0.50	0.25	7.0	
UW05	Carbonero #2	304-SVSD-04	08/31/05	22.5	18.5	n.d.	640	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	09/01/05	20.0	19.0	n.d.	600	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.
UW05	Carbonero #2	304-SVSD-04	09/05/05	20.5	18.0	n.d.	650	n.d.	n.d.	n.d.	n.d.	0.50	0.25	7.5	n.d.
UW05	Carbonero #2	304-SVSD-04	09/07/05	19.5	18.5	n.d.	630	n.d.	n.d.	n.d.	n.d.			7.5	n.d.
UW05	Carbonero #2	304-SVSD-04	09/16/05	19.0	17.0	n.d.	610	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.0	n.d.

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UW05	Carnonero #2	304-SVSD-04	09/17/05	17.0	16.0	n.d.	650	n.d.	n.d.	n.d.	n.d.	0.25	0.25	7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	09/22/05	20.0	17.0	n.d.	630	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	09/23/05	22.0	17.0	n.d.	660	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	09/26/05	15.5	16.5	n.d.	660	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	09/29/05	28.5	17.5	n.d.	640	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	09/29/05	29.5	17.5		640			n.d.	n.d.	n.d.		7.0	
UW05	Carnonero #2	304-SVSD-04	10/04/05	21.0	15.5	n.d.	660	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	10/07/05	14.0	15.5	n.d.	720	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	10/11/05	16.0	15.0	n.d.	700	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	10/15/05	18.0	16.0	n.d.	680	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	10/17/05	11.5	14.5	n.d.	780	n.d.	n.d.	n.d.	n.d.	0.25		7.0	n.d.
UW05	Carnonero #2	304-SVSD-04	10/18/05	15.0	16.5	n.d.	810	n.d.	n.d.			n.d.		7.5	n.d.
UW05	Carnonero #2	304-SVSD-04	10/25/05	13.0	15.0	n.d.	570	n.d.	n.d.	0.50	0.56			7.5	n.d.
UW05	Carnonero #2	304-SVSD-04	10/28/05	17.5	16.0	n.d.	750	n.d.	n.d.	0.25	0.28			8.0	n.d.
UW05	Seagate	304-SVSD-05	06/29/05	26.5	19.0	n.d.	550	n.d.	n.d.					7.0	n.d.
UW05	Seagate	304-SVSD-05	07/01/05	22.5	19.0	n.d.	610	n.d.	n.d.					7.0	n.d.
UW05	Seagate	304-SVSD-05	07/07/05	22.0	19.5	n.d.	410	n.d.	n.d.					6.5	n.d.
UW05	Seagate	304-SVSD-05	07/09/05	24.0	22.0	n.d.	780	n.d.	0.2					7.0	n.d.
UW05	Seagate	304-SVSD-05	07/11/05	23.0	20.0	n.d.	620	n.d.	n.d.					7.5	n.d.
UW05	Seagate	304-SVSD-05	07/12/05	27.0	21.0	n.d.	600	n.d.	n.d.					7.5	n.d.
UW05	Seagate	304-SVSD-05	07/19/05	23.5	20.5	n.d.	400	n.d.	n.d.					7.0	n.d.
UW05	Seagate	304-SVSD-05	07/23/05	30.0	21.0	n.d.	600	n.d.	0.2					7.0	n.d.
UW05	Seagate	304-SVSD-05	07/25/05	23.5	21.5	n.d.	580	n.d.	0.3					7.5	n.d.
UW05	Seagate	304-SVSD-05	07/27/05	19.5	18.0	n.d.	630	n.d.	0.2					7.0	n.d.
UW05	Seagate	304-SVSD-05	08/02/05	19.0	17.5	n.d.	620	n.d.	0.2					7.0	n.d.
UW05	Seagate	304-SVSD-05	08/03/05	21.0	21.0	n.d.	660	n.d.	n.d.					7.0	n.d.
UW05	Seagate	304-SVSD-05	08/09/05	21.0											
UW05	Seagate	304-SVSD-05	08/10/05	24.0	19.0	n.d.	590	n.d.	n.d.	n.d.	n.d.		5.00	7.0	n.d.
UW05	Seagate	304-SVSD-05	08/15/05	18.0											
UW05	Seagate	304-SVSD-05	08/17/05	20.0											

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UW05	Seagate	304-SVSD-05	08/22/05	23.0											
UW05	Seagate	304-SVSD-05	08/26/05	23.0											
UW05	Seagate	304-SVSD-05	08/29/05	24.5											
UW05	Seagate	304-SVSD-05	08/31/05	24.5											
UW05	Seagate	304-SVSD-05	09/01/05	24.0											
UW05	Seagate	304-SVSD-05	09/05/05	22.0											
UW05	Seagate	304-SVSD-05	09/07/05	19.5											
UW05	Seagate	304-SVSD-05	09/16/05	20.5											
UW05	Seagate	304-SVSD-05	09/17/05	18.0											
UW05	Seagate	304-SVSD-05	09/22/05	19.0											
UW05	Seagate	304-SVSD-05	09/23/05	26.0											
UW05	Seagate	304-SVSD-05	09/26/05	16.5											
UW05	Seagate	304-SVSD-05	09/29/05	28.5											
UW05	Seagate	304-SVSD-05	09/29/05	25.5											
UW05	Seagate	304-SVSD-05	10/04/05	21.0											
UW05	Seagate	304-SVSD-05	10/07/05	14.5											
UW05	Seagate	304-SVSD-05	10/11/05	16.5											
UW05	Seagate	304-SVSD-05	10/15/05	19.0											
UW05	Seagate	304-SVSD-05	10/17/05	14.0											
UW05	Seagate	304-SVSD-05	10/18/05	15.5											
UW05	Seagate	304-SVSD-05	10/25/05	14.5											
UW05	Seagate	304-SVSD-05	10/28/05	18.0	15.0	n.d.	830	n.d.	0.2	0.25	0.28			7.5	n.d.
UW05	Granite Creek	304-SVSD-06	06/29/05	28.0	18.0	n.d.	390	n.d.	n.d.					7.5	n.d.
UW05	Granite Creek	304-SVSD-06	07/01/05	23.0	18.0	n.d.	400	n.d.	n.d.					7.0	n.d.
UW05	Granite Creek	304-SVSD-06	07/07/05	22.0	17.0	n.d.	450	n.d.	n.d.					7.0	n.d.
UW05	Granite Creek	304-SVSD-06	07/09/05	24.0	19.0	n.d.	470	n.d.	n.d.					7.5	n.d.
UW05	Granite Creek	304-SVSD-06	07/11/05	23.5	19.0	n.d.	440	n.d.	n.d.					7.5	n.d.
UW05	Granite Creek	304-SVSD-06	07/12/05	25.5	20.0	n.d.	450	n.d.	n.d.					7.5	n.d.
UW05	Granite Creek	304-SVSD-06	07/19/05	24.0	18.5	n.d.	420	n.d.	n.d.					7.0	n.d.
UW05	Granite Creek	304-SVSD-06	07/23/05	28.0	19.0	n.d.	380	n.d.	n.d.					7.0	n.d.

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UW05	Granite Creek	304-SVSD-06	07/25/05	23.0	19.0	n.d.	390	n.d.	n.d.					7.5	n.d.
UW05	Granite Creek	304-SVSD-06	07/27/05	19.0	16.0	n.d.	380	n.d.	n.d.					7.5	n.d.
UW05	Granite Creek	304-SVSD-06	08/02/05	17.5	16.5	n.d.	460	n.d.	n.d.					7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/03/05	20.0	18.5	n.d.	440	n.d.	n.d.					7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/09/05	20.0	17.5	n.d.	470	n.d.	n.d.					7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/10/05	24.0	18.0	n.d.	370	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/16/05	16.0	15.0	n.d.	410	n.d.	n.d.	n.d.	n.d.			6.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/17/05	19.0	16.5	n.d.	390	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/22/05	22.0	16.0	n.d.	390	n.d.	n.d.	n.d.	n.d.			7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/26/05	21.0	15.0	n.d.	380	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	08/29/05	23.5	17.5		380			n.d.	n.d.	n.d.		7.5	
UW05	Granite Creek	304-SVSD-06	08/31/05	22.5	16.5	n.d.	430	n.d.	n.d.	n.d.	n.d.	n.d.		7.5	
UW05	Granite Creek	304-SVSD-06	09/01/05	19.0	19.0	n.d.	390	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	09/05/05	20.5	16.0	n.d.	410	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/07/05		16.0	n.d.	410	n.d.	n.d.	n.d.	n.d.		0.25	7.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/16/05	18.0	15.5	n.d.	400	n.d.	n.d.	n.d.	n.d.	n.d.	0.25	7.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/17/05	16.0	14.0	n.d.	360	n.d.	n.d.	n.d.	n.d.	0.25	0.25	6.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/22/05	15.0	15.0	n.d.	400	n.d.	n.d.	n.d.	n.d.	n.d.		7.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/23/05	21.5	15.0	n.d.	400	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	09/26/05	14.0	13.5	n.d.	400	n.d.	n.d.	n.d.	n.d.	n.d.		6.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/29/05	27.0	17.0	n.d.	380	n.d.	n.d.	n.d.	n.d.	n.d.		7.5	n.d.
UW05	Granite Creek	304-SVSD-06	09/29/05	24.0	16.5		390			n.d.	n.d.	n.d.		7.5	
UW05	Granite Creek	304-SVSD-06	10/04/05	20.0	14.0	n.d.	380	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	10/07/05	13.0	15.0	n.d.	670	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	10/11/05	15.5	12.5	n.d.	390	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	10/15/05	18.5	14.5	n.d.	390	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	10/17/05	10.0	12.0	n.d.	420	n.d.	n.d.	n.d.	n.d.	n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	10/18/05	15.0	15.0	n.d.	390	n.d.	n.d.			n.d.		7.0	n.d.
UW05	Granite Creek	304-SVSD-06	10/25/05	13.0	13.0	n.d.	380	n.d.	n.d.	0.50	0.56			7.5	n.d.
UW05	Granite Creek	304-SVSD-06	10/28/05	18.0	14.0	n.d.	410	n.d.	n.d.	0.25	0.28			7.5	n.d.