



Memorandum

To: Board of Directors

From: Catherine C. McEfee

Date: August 26, 2008

Subject: Response to Comments from Ken Berry and Bill Condrashoff on Proposed Addendum No. 4

This memorandum addresses comments in letters submitted by Mr. Ken Berry and received by the Amador Water Agency (Agency) on August 13 and 14, 2008, and comments made in presentations to the Agency Board of Directors by Mr. Berry and Mr. Bill Condrashoff on August 14, 2008, in response to the proposed Addendum No. 4 to the Amador Transmission Project Revised Final Environmental Impact Report (RFEIR) (SCH NO. 2000022106). Mr. Berry asserts that the Agency must prepare a subsequent or supplemental EIR to address the following issues:

1. Changes to Runoff Patterns. Mr. Berry claims that Addendum No. 4 did not consider the potential changes in runoff patterns stemming from each of the options to install the small diameter pipe in the Amador Canal and the potential effects thereof on the distribution of wetlands.
2. Changes in Circumstances. Mr. Berry mentions that a National Pollutant Discharge Elimination System (NPDES) permit was issued to the City of Jackson in connection with its wastewater treatment plant in October, 2007. He claims that the projected reduced flows in Jackson Creek resulting from implementation of the Amador



Memorandum

Transmission Project (Project) "... may have an effect on the amount of water available to dilute the effluent of the WWTF and therefore the project may have a significant adverse impact on enforcement of the CWA," and that such was not evaluated in the RFEIR.

3. New Information. Mr. Berry asserts that the precipitation and flow information for 2004, 2006 and 2007 concerning the Amador Canal and Jackson Creek, which information was attached to his August 13 letter and prepared by Mr. Condrashoff, constitutes new information which shows "... that the removal of water from the Amador Canal will have an adverse impact on the project to mitigate the impact of the Jackson WWTP on Jackson Creek."

At the August 14 meeting of the Agency Board, Mr. Condrashoff discussed the precipitation and flow graphs that were attached to Mr. Berry's August 13 letter, and claimed that such graphs supported Mr. Berry's assertions.

In the following paragraphs, each of the contentions made by Mr. Berry, as well as the graphs furnished by Mr. Condrashoff, will be separately discussed.

1. Changes in Runoff Patterns.



Memorandum

Pursuant to Section 15162(a)(1) of the Guidelines for the California Environmental Quality Act (CEQA Guidelines), a subsequent EIR may have to be prepared if substantial changes are proposed in the project which will require major revisions of the prior EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects. Mr. Berry claims that Addendum No. 4 does not consider the changes in runoff patterns resulting from each of the four options for installing the small diameter pipeline in the Amador Canal and the effects thereof on the distribution of wetlands. However, changes to runoff patterns in connection with each of the four options to install the small diameter pipeline in the Amador Canal were indeed evaluated in the Addendum at pages 8 and 9. As concluded at page 9 of Addendum No. 4:

Options 2 and 4 would result in more overland flow compared to Option 3 and the option of not backfilling the Canal as adopted in Addendum #1. However, because the proposed changes could use gutter ditches for Options 2 and 4, or breaches in the Canal for the other options as previously planned by the original Approved Project, the proposed changes in this Addendum #4 would not result in a significant increase in stormwater flows overland. Further, as stated in the Approved Project EIR on pages 4.1-39 through 4.1-45, stormwater flows that would be allowed to travel through wastegates or through breaches in the Canal would not result in flooding. Therefore, because the proposed changes would not



Memorandum

result in substantial changes to the Approved Project or new significant impacts more severe than analyzed on pages 4.1-39 and 4.1-45 in revised Section 4.1 in the Approved Project EIR, as modified by Addendum #1, no additional environmental analysis and/or mitigation is required.

With respect to potential impacts to wetland resources, it is stated at page 7 of Addendum No. 4 that, “Results of the surveys revealed that there would be no significant impacts to special-status species or their habitats nor would there be any impacts to waters of the U.S. or jurisdictional wetlands within or adjacent to the Canal.” Neither Mr. Berry nor Mr. Condrashoff identified any wetlands that potentially could be impacted by the four different methods of installing the small diameter pipeline in the Amador Canal.

2. Changes in Circumstances.

Section 15162(a)(2) of the CEQA Guidelines provides that a subsequent EIR may have to be prepared if substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects. Mr. Berry claims that the issuance of a NPDES permit to the City of Jackson represents a change in circumstances requiring the preparation of a supplemental or subsequent EIR because the projected reduced flows in Jackson Creek resulting



Memorandum

from implementation of the Project may impair the City of Jackson's ability to meet a certain dilution requirement under the permit. Mr. Berry's claim fails for the following reason.

The dilution requirement in the City of Jackson's current NPDES permit to which Mr. Berry refers is that five years from October of 2007, the City will be "... prohibited from discharging wastewater into Jackson Creek in amounts that cause the downstream Lake Amador water to exceed greater than five percent volume of wastewater in Lake Amador (one part wastewater in 20 parts of Lake water, or 20:1 dilution)." (See page 9 of Order No. R5-2007-0133; NPDES No. CA007 9391 of the Regional Water Quality Control Board, Central Valley Region ("Order").) The permit sets forth a compliance schedule to ensure the City's adherence to this prohibition. It provides that the City "... shall evaluate and implement alternative wastewater handling and disposal methods that will ensure compliance with Discharge Prohibition 111.E of this Order, which prohibits the discharge of wastewater into Jackson Creek when a minimum of 20:1 dilution in Lake Amador is not available." (See page 29 of the Order.) Of critical relevance to Mr. Berry's claim is that the above prohibition was rendered by the Regional Water Quality Control Board, Central Valley Region ("Regional Board"), with full awareness of the reduced flows in Jackson Creek that will occur with implementation of the Agency's Project. The Regional Board in its permit stated:

The unlined Amador Canal has historically contributed a significant flow to various forks of Jackson Creek via overflows and subsurface contributions. The upstream base flow of Jackson Creek has recently been reduced due to recent



Memorandum

repairs of the upstream stretch of the Amador Canal which no longer leaks flow into the Creek. The Amador Water Agency has current plans for the construction of a piping system for the Amador Canal flow, which is expected to eliminate contributions of additional subsurface flow to Jackson Creek. (See page F-6 of Attachment F to the Order.)

As a consequence, the City of Jackson is required to develop and implement a plan by around October 2012 which will avoid the discharge of its treated wastewater into Jackson Creek when a minimum of 20:1 dilution in Lake Amador is not available, which plan will reflect the effects of implementation of the Agency's Project. Therefore, the new circumstance mentioned by Mr. Berry, the issuance of the new NPDES permit, will not involve new significant environmental effects or a substantial increase in the severity of previously identified significant effects in relation to the Project. In other words, the new NPDES permit does not show or result in any new or increased significant environmental impacts from the Agency's Project. Rather, it only shows a regulatory challenge for the City of Jackson.

Additionally, the extent to which reduced flows to Jackson Creek resulting from the Project's implementation will factor into the City of Jackson's plan to comply with the dilution requirement is entirely uncertain. The information provided by Mr. Berry and Mr. Condrashoff does not shed any light on the matter. Of interest, a May 12, 2004 report prepared by



Memorandum

ECO:LOGIC for the City of Jackson entitled “Wastewater Facilities Planning Report” addresses the nature of the dilution problem faced by the City. The report at page 7 explained the situation thusly,

The DHS concern is that Jackson Creek and Lake Amador may contain more than 5 percent effluent at times, and that these surface waters (particularly Lake Amador) are being used as domestic water supplies. There are many months each year when the inflow to Lake Amador would be more than 5 percent effluent. However, the 22,000 AF storage capacity of Lake Amador provides an equalizing effect such that an averaging period longer than a month would be appropriate. Using 35 years of JVID flow records (water year 1966 through 2000), annual flow into Lake Amador was not sufficient to provide 20 to 1 dilution of the annual City effluent discharge in 10 of the 35 years studied. In other words, under current wastewater discharge rate, Lake Amador may be more than 5 percent effluent roughly 30 percent of the time.

The above statements reflect conditions before Project implementation and with Amador Canal losses and leakage contributing to Jackson Creek flow. To what extent the elimination of those contributions may alter the percentage of time that Lake Amador could be more than 5 percent



Memorandum

effluent is unclear, and certainly the graphs presented by Mr. Berry and Mr. Condrashoff do not bring any more clarity to the issue.

Finally, at pages 4-101 to 4-113 of the Comments and Responses to Comments on Revised Section 4.1 of the Amador Transmission Project Environmental Impact Report, which was a part of the RFEIR, the Agency responded at length to a comment of the City of Jackson that reduced flows in Jackson Creek as a result of the Project would make less water available to dilute the City's treated wastewater.

3. New Information.

Pursuant to subsections 15162(a)(3)(A) and (B) of the CEQA Guidelines, a subsequent EIR may have to be prepared if new information of substantial importance, which was not known and could not have been known, with the exercise of reasonable diligence at the time the previous EIR was certified as complete shows that the project will have one or more significant effects not discussed in the previous EIR or significant effects previously examined will be substantially more severe than shown in the previous EIR. Mr. Berry claims that the precipitation and flow graphs for the years 2004, 2006 and 2007 related to the Amador Canal and Jackson Creek constitute such new information which "... shows that the removal of water from the Amador Canal will have an adverse impact on the project to mitigate the impact of Jackson WWTP on Jackson Creek." Mr. Berry's claim is misplaced for several reasons.



Memorandum

First, the 2004 precipitation and flow data were included within the analysis performed for the RFEIR.

Second, as stated in the previous section of this memorandum, the City of Jackson is required by its NPDES permit to develop and implement a plan by about October, 2012, by which it will comply with the dilution requirement related to Lake Amador, which plan, as was recognized in the NPDES permit, will need to account for the reduction in flows to Jackson Creek resulting from the Agency's Project.

Third, the new 2006 and 2007 precipitation and flow information, which is the only "new information" provided by Mr. Berry and Mr. Condrashoff, do not show that the Project will have one or more significant effects on the hydrology of Jackson Creek which were not discussed in the previous EIR or that effects previously identified will now be significant. In Revised Section 4.1 of the RFEIR, an impact was considered significant if the Project:

- Violated any water quality standards or waste discharge requirements;
- Substantially altered the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on-or-off-site;



Memorandum

- Substantially altered the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increased the rate or amount of surface runoff in a manner which would result in flooding on-or-off-site;
- Created or contributed runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff;
- Otherwise substantially degraded water quality;
- Placed within a 100-year flood hazard area structures which would impede or redirect flood flows;
- Exposed people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam; or
- Substantially depleted groundwater supplies or interfered substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted).

Revised Section 4.1 concluded that the impacts of the Project on water resources were less than significant. Revised Section 4.1 set forth the following statement of reasons in support of such conclusion:



Memorandum

Public Resources Code section 21100, subdivision (c), requires an EIR to “contain a statement briefly indicating the reasons for determining that various effects on the environment of a project are not significant and consequently have not been discussed in detail” in the EIR. (See also CEQA Guidelines, section 15128.) The following paragraphs contain this statement of reasons for this EIR’s conclusions regarding the impacts of the Pipeline Alternative on water resources.

The Pipeline Alternative would not have any significant impacts on any of the parameters that are addressed in the standards of significance related to hydrology. Because the Pipeline Alternative would not increase flows in the local creeks and only reduce baseflows to varying degrees in some of those creeks, it would not result: (a) in any substantial change in erosion, siltation or flooding; (b) place within a 100-year hazard area any structures that would impede or redirect flood flows; (c) expose people or structures to any significant risk of loss, injury or death involving flooding; (d) cause the capacity of any existing or planning storm water drainage system to be exceeded; or (e) provide any substantial additional sources of polluted runoff.



Memorandum

Because groundwater aquifers are recharged by seasonal precipitation over large areas during the winter rainy season when soils become saturated, it is not expected that elimination of leakage from the Amador Canal would substantially affect any groundwater aquifers. Most of the leakage from the Amador Canal becomes surface runoff to local streams or is transpired by riparian plants, and thus does not recharge any groundwater aquifers. Further, the project region does not contain a principal aquifer.

The soils in the project area exhibit medium to rapid runoff which indicates that the permeability of soils in the region are “slow,” and groundwater recharge is accordingly slow. Percolation to groundwater does occur, but is estimated to be minor. Surface water in New York Ranch Reservoir would continue to percolate into the local groundwater aquifer as it currently does, and the reduction of approximately 1.17 acres of reservoir surface water would not be expected to significantly affect groundwater recharge.

The Pipeline Alternative also would not have any significant impacts on any of the other relevant parameters regarding water resources, as set forth in the following discussion.



Memorandum

Because the Pipeline Alternative would not affect peak creek flows, it would not affect the important hydrologic processes of the streamcourses in the project region that are associated with such peak flows.

As shown in figure 4.1-4, the Pipeline Alternative would change approximately 1.7 miles of streams in the South Fork Jackson Creek watershed from perennial to intermittent/ephemeral. As shown in Figure 4.1-5, the Pipeline Alternative would change approximately 1.6 miles of streams in the Middle Fork Jackson Creek watershed from perennial to intermittent/ephemeral. These impacts are concluded to not be significant for several reasons.

First, the affected stream reaches are only approximately 19 percent of the total miles of perennial streams in the South Fork Jackson Creek watershed, and only approximately 16 percent of the total miles of perennial streams in the Middle Fork Jackson Creek watershed. Also, these affected stream reaches are only 10 percent of the total miles of perennial streams in the portions of the Jackson Creek and Sutter Creek watersheds that are shown in Figure 4.1-3. Thus, while the Pipeline Alternative would slightly reduce the number of miles of perennial streams and slightly increase the number of miles of intermittent/ephemeral streams in these watersheds, the Pipeline Alternative



Memorandum

would not significantly change the overall mix of perennial and intermittent/ephemeral streams in these watersheds.

Second, none of the affected stream reaches is designated wild, scenic or recreational under the California Wild and Scenic Rivers Act (Public Resources Code sections 5093.50 through 5093.70) or the federal Wild and Scenic Rivers Act (title 16 United States Code, sections 1271 through 1287).

Third, for the reasons discussed in other sections of this EIR, the changes in approximately 3.3 miles of streams from perennial to intermittent/ephemeral would not cause any significant impacts in any other resource area, including water quality (see section 4.1.5), biological resources (see Section 4.2) and land uses (see Section 4.5).

The written submittals of Mr. Berry and Mr. Condrashoff, including the precipitation and flow graphs for 2006 and 2007, and their oral presentations at the August 14 Agency Board of Directors meeting, as supplemented by the attached 2006 and 2007 flow data measured at the R1 gage located just upstream from the City of Jackson wastewater treatment plant, do not require any change to the above conclusions, nor do Mr. Condrashoff or Mr. Berry assert any such



Memorandum

conclusions require revision due to such information, other than the matter concerning the dilution requirement in the City of Jackson's NPDES permit, which is addressed above.

ATTACHMENT

2006-2007 FLOW DATA MEASURED AT THE R1 GAGE LOCATED JUST UPSTREAM OF
THE CITY OF JACKSON WASTEWATER TREATMENT PLANT

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
	Dec. 7 *	0.479 *	0.74245 *	2.8 *	4.34
	Dec. 8 *	0.541 *	0.83855 *	2.8 *	4.34
	Dec. 9 *	0.466 *	0.7223 *	2.7 *	4.185
	Dec. 10 *	0.465 *	0.72075 *	2.7 *	4.185
	Dec. 11 *	0.454 *	0.7037 *	2.7 *	4.185
	Dec. 12 *	0.492 *	0.7626 *	2.5 *	3.875
	Dec. 13 *	0.515 *	0.79825 *	2.6 *	4.03
	Dec. 14 *	0.524 *	0.8122 *	2.3 *	3.565
	Dec. 15 *	0.47 *	0.7285 *	2.4 *	3.72
	Dec. 16 *	0.451 *	0.69905 *	2.5 *	3.875
	Dec. 17 *	0.686 *	1.0633 *	4.3 *	6.665
	Dec. 18 *	1.041 *	1.61355 *	45 *	69.75
	Dec. 19 *	0.74 *	1.147 *	17 *	26.35
	Dec. 20 *	0.644 *	0.9982 *	7.2 *	11.16
	Dec. 21 *	0.927 *	1.43685 *	19 *	29.45
	Dec. 22 *	1.192 *	1.8476 *	69 *	106.95
	Dec. 23 *	0.79 *	1.2245 *	26 *	40.3
	Dec. 24 *	0.608 *	0.9424 *	9.4 *	14.57
	Dec. 25 *	1.02 *	1.581 *	31 *	48.05
	Dec. 26 *	1.354 *	2.0987 *	121 *	187.55
	Dec. 27 *	0.878 *	1.3609 *	28 *	43.4
	Dec. 28 *	1.16 *	1.798 *	60 *	93
	Dec. 29 *	0.815 *	1.26325 *	32 *	49.6
	Dec. 30 *	1.63 *	2.5265 *	34 *	52.7
2006	Dec. 31 *	2.126 *	3.2953 *	333 *	516.15
	Jan. 1 *	1.276 *	1.9778 *	88 *	136.4
	Jan. 2 *	1.922 *	2.9791	236	365.8
	Jan. 3 *	1.24 *	1.922	147	227.85
	Jan. 4 *	0.936 *	1.4508	66	102.3
	Jan. 5 *	0.761 *	1.17955	39	60.45
	Jan. 6 *	0.692 *	1.0726	29	44.95
	Jan. 7 *	0.727 *	1.12685	38	58.9

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
Jan.	8 *	0.609 *	0.94395	25	38.75
Jan.	9 *	0.631 *	0.97805	18	27.9
Jan.	10 *	0.631 *	0.97805	15	23.25
Jan.	11 *	0.642 *	0.9951	18	27.9
Jan.	12 *	0.61 *	0.9455	15	23.25
Jan.	13 *	0.615 *	0.95325	12	18.6
Jan.	14 *	1 *	1.55	60	93
Jan.	15 *	0.81 *	1.2555	38	58.9
Jan.	16 *	0.718 *	1.1129	23	35.65
Jan.	17 *	0.854 *	1.3237	20	31
Jan.	18 *	0.967 *	1.49885	64	99.2
Jan.	19 *	0.786 *	1.2183	35	54.25
Jan.	20 *	0.647 *	1.00285	26	40.3
Jan.	21 *	0.626 *	0.9703	21	32.55
Jan.	22 *	0.598 *	0.9269	18	27.9
Jan.	23 *	0.598 *	0.9269	16	24.8
Jan.	24 *	0.603 *	0.93465	14	21.7
Jan.	25 *	0.56 *	0.868	12	18.6
Jan.	26 *	0.584 *	0.9052	15	23.25
Jan.	27 *	0.541 *	0.83855	13	20.15
Jan.	28 *	0.587 *	0.90985	12	18.6
Jan.	29 *	0.594 *	0.9207	14	21.7
Jan.	30 *	0.819 *	1.26945	28	43.4
Jan.	31 *	0.715 *	1.10825	25	38.75
		0.770935484			
Feb.	1 *	0.706 *	1.0943 *	20 *	31
Feb.	2 *	0.697 *	1.08035 *	27 *	41.85
Feb.	3 *	0.638 *	0.9889 *	21 *	32.55
Feb.	4 *	0.682 *	1.0571 *	23 *	35.65
Feb.	5 *	0.625 *	0.96875 *	19 *	29.45
Feb.	6 *	0.655 *	1.01525 *	17 *	26.35
Feb.	7 *	0.591 *	0.91605 *	16 *	24.8

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
Feb.	8 *	0.544 *	0.8432 *	15 *	23.25
Feb.	9 *	0.549 *	0.85095 *	13 *	20.15
Feb.	10 *	0.523 *	0.81065 *	12 *	18.6
Feb.	11 *	0.516 *	0.7998 *	11 *	17.05
Feb.	12 *	0.509 *	0.78895 *	10 *	15.5
Feb.	13 *	0.571 *	0.88505 *	10 *	15.5
Feb.	14 *	0.536 *	0.8308 *	9.4 *	14.57
Feb.	15 *	0.474 *	0.7347 *	8.8 *	13.64
Feb.	16 *	0.47 *	0.7285 *	8.2 *	12.71
Feb.	17 *	0.489 *	0.75795 *	8.6 *	13.33
Feb.	18 *	0.49 *	0.7595 *	8.9 *	13.795
Feb.	19 *	0.493 *	0.76415 *	9.2 *	14.26
Feb.	20 *	0.535 *	0.82925 *	8.8 *	13.64
Feb.	21 *	0.524 *	0.8122 *	7.8 *	12.09
Feb.	22 *	0.532 *	0.8246 *	7.5 *	11.625
Feb.	23 *	0.472 *	0.7316 *	7.2 *	11.16
Feb.	24 *	0.472 *	0.7316 *	7 *	10.85
Feb.	25 *	0.453 *	0.70215 *	6.8 *	10.54
Feb.	26 *	0.579 *	0.89745 *	8.6 *	13.33
Feb.	27 *	0.89 *	1.3795 *	33 *	51.15
Feb.	28 *	0.782 *	1.2121 *	94 *	145.7
March	1 *	0.676 *	1.0478 *	40 *	62
March	2 *	0.808 *	1.2524 *	47 *	72.85
March	3 *	1.072 *	1.6616 *	120 *	186
March	4 *	0.797 *	1.23535 *	83 *	128.65
March	5 *	0.889 *	1.37795 *	49 *	75.95
March	6 *	1.203 *	1.86465 *	149 *	230.95
March	7 *	1.022 *	1.5841 *	112 *	173.6
March	8 *	0.854 *	1.3237 *	84 *	130.2
March	9 *	0.842 *	1.3051 *	78 *	120.9
March	10 *	0.859 *	1.33145 *	78 *	120.9

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
March	11 *	1.034 *	1.6027 *	98 *	151.9
March	12 *	1.133 *	1.75615 *	91 *	141.05
March	13 *	0.964 *	1.4942 *	76 *	117.8
March	14 *	1.091 *	1.69105 *	134 *	207.7
March	15 *	0.885 *	1.37175 *	97 *	150.35
March	16 *	0.884 *	1.3702 *	65 *	100.75
March	17 *	1.09 *	1.6895 *	115 *	178.25
March	18 *	0.815 *	1.26325 *	78 *	120.9
March	19 *	0.808 *	1.2524 *	57 *	88.35
March	20 *	0.911 *	1.41205 *	64 *	99.2
March	21 *	0.823 *	1.27565 *	58 *	89.9
March	22 *	0.699 *	1.08345 *	43 *	66.65
March	23 *	0.652 *	1.0106 *	36 *	55.8
March	24 *	0.887 *	1.37485 *	31 *	48.05
March	25 *	1.601 *	2.48155 *	266 *	412.3
March	26 *	1.041 *	1.61355 *	126 *	195.3
March	27 *	0.981 *	1.52055 *	85 *	131.75
March	28 *	1.298 *	2.0119 *	110 *	170.5
March	29 *	1.1 *	1.705 *	89 *	137.95
March	30 *	1.016 *	1.5748 *	70 *	108.5
March	31 *	1.371 *	2.12505 *	137 *	212.35
April	1 *	1.074 *	1.6647 *	142 *	220.1
April	2 *	1.4 *	2.17 *	105 *	162.75
April	3 *	2.354 *	3.6487 *	429 *	664.95
April	4 *	2.936 *	4.5508 *	644 *	998.2
April	5 *	2.379 *	3.68745 *	461 *	714.55
April	6 *	1.414 *	2.1917 *	203 *	314.65
April	7 *	1.18 *	1.829 *	118 *	182.9
April	8 *	0.932 *	1.4446 *	90 *	139.5
April	9 *	0.964 *	1.4942 *	69 *	106.95
April	10 *	1.394 *	2.1607 *	144 *	223.2

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
April	11 *	1.289 *	1.99795 *	111 *	172.05
April	12 *	1.089 *	1.68795 *	97 *	150.35
April	13 *	0.895 *	1.38725 *	71 *	110.05
April	14 *	0.827 *	1.28185 *	59 *	91.45
April	15 *	0.775 *	1.20125 *	48 *	74.4
April	16 *	1.187 *	1.83985 *	122 *	189.1
April	17 *	0.947 *	1.46785 *	84 *	130.2
April	18 *	0.846 *	1.3113 *	62 *	96.1
April	19 *	0.715 *	1.10825 *	49 *	75.95
April	20 *	0.704 *	1.0912 *	40 *	62
April	21 *	0.617 *	0.95635 *	34 *	52.7
April	22 *	0.612 *	0.9486 *	30 *	46.5
April	23 *	0.604 *	0.9362 *	26 *	40.3
April	24 *	0.608 *	0.9424 *	23 *	35.65
April	25 *	0.588 *	0.9114 *	21 *	32.55
April	26 *	0.568 *	0.8804 *	19 *	29.45
April	27 *	0.536 *	0.8308 *	18 *	27.9
April	28 *	0.557 *	0.86335 *	16 *	24.8
April	29 *	0.497 *	0.77035 *	15 *	23.25
April	30 *	0.506 *	0.7843 *	15 *	23.25
May	1 *	0.456 *	0.7068 *	13 *	20.15
May	2 *	0.569 *	0.88195 *	12 *	18.6
May	3 *	0.544 *	0.8432 *	11 *	17.05
May	4 *	0.524 *	0.8122 *	11 *	17.05
May	5 *	0.508 *	0.7874 *	10 *	15.5
May	6 *	0.444 *	0.6882 *	9.8 *	15.19
May	7 *	0.491 *	0.76105 *	9.1 *	14.105
May	8 *	0.5 *	0.775 *	8.8 *	13.64
May	9 *	0.532 *	0.8246 *	8.4 *	13.02
May	10 *	0.497 *	0.77035 *	8.3 *	12.865
May	11 *	0.47 *	0.7285 *	7.9 *	12.245

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
May	12 *	0.463 *	0.71765 *	7.7 *	11.935
May	13 *	0.466 *	0.7223 *	7.2 *	11.16
May	14 *	0.472 *	0.7316 *	7 *	10.85
May	15 *	0.565 *	0.87575 *	7.2 *	11.16
May	16 *	0.52 *	0.806 *	6.4 *	9.92
May	17 *	0.497 *	0.77035 *	5.8 *	8.99
May	18 *	0.481 *	0.74555 *	5.5 *	8.525
May	19 *	0.483 *	0.74865 *	5.5 *	8.525
May	20 *	0.472 *	0.7316 *	6.1 *	9.455
May	21 *	0.575 *	0.89125 *	8.7 *	13.485
May	22 *	0.666 *	1.0323 *	14 *	21.7
May	23 *	0.565 *	0.87575 *	8.3 *	12.865
May	24 *	0.516 *	0.7998 *	6.3 *	9.765
May	25 *	0.501 *	0.77655 *	5.9 *	9.145
May	26 *	0.476 *	0.7378 *	5.5 *	8.525
May	27 *	0.479 *	0.74245 *	5.4 *	8.37
May	28 *	0.447 *	0.69285 *	5.2 *	8.06
May	29 *	0.461 *	0.71455 *	4.7 *	7.285
May	30 *	0.559 *	0.86645 *	4.8 *	7.44
May	31 *	0.508 *	0.7874 *	4.6 *	7.13
June	1 *	0.484 *	0.7502 *	4.3 *	6.665
June	2 *	0.481 *	0.74555 *	4.1 *	6.355
June	3 *	0.45 *	0.6975 *	4.3 *	6.665
June	4 *	0.445 *	0.68975 *	4.1 *	6.355
June	5 *	0.523 *	0.81065 *	4.2 *	6.51
June	6 *	0.508 *	0.7874 *	4.1 *	6.355
June	7 *	0.49 *	0.7595 *	3.8 *	5.89
June	8 *	0.508 *	0.7874 *	3.8 *	5.89
June	9 *	0.481 *	0.74555 *	3.7 *	5.735
June	10 *	0.449 *	0.69595 *	3.5 *	5.425
June	11 *	0.446 *	0.6913 *	3.6 *	5.58

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
June	12 *	0.498 *	0.7719 *	3.8 *	5.89
June	13 *	0.519 *	0.80445 *	3.9 *	6.045
June	14 *	0.46 *	0.713 *	3.7 *	5.735
June	15 *	0.482 *	0.7471 *	3.4 *	5.27
June	16 *	0.456 *	0.7068 *	3.3 *	5.115
June	17 *	0.432 *	0.6696 *	3.1 *	4.805
June	18 *	0.433 *	0.67115 *	3.1 *	4.805
June	19 *	0.499 *	0.77345 *	3 *	4.65
June	20 *	0.474 *	0.7347 *	2.7 *	4.185
June	21 *	0.448 *	0.6944 *	2.6 *	4.03
June	22 *	0.447 *	0.69285 *	2.6 *	4.03
June	23 *	0.45 *	0.6975 *	2.5 *	3.875
June	24 *	0.493 *	0.76415 *	2.4 *	3.72
June	25 *	0.426 *	0.6603 *	2.5 *	3.875
June	26 *	0.506 *	0.7843 *	2.4 *	3.72
June	27 *	0.478 *	0.7409 *	2.2 *	3.41
June	28 *	0.47 *	0.7285 *	1.9 *	2.945
June	29 *	0.435 *	0.67425 *	2 *	3.1
June	30 *	0.435 *	0.67425 *	1.9 *	2.945
July	1 *	0.481 *	0.74555 *	1.874 *	2.9047
July	2 *	0.454 *	0.7037 *	1.874 *	2.9047
July	3 *	0.547 *	0.84785 *	2.003 *	3.10465
July	4 *	0.482 *	0.7471 *	2.068 *	3.2054
July	5 *	0.497 *	0.77035 *	2.003 *	3.10465
July	6 *	0.456 *	0.7068 *	2.003 *	3.10465
July	7 *	0.469 *	0.72695 *	1.81 *	2.8055
July	8 *	0.47 *	0.7285 *	1.68 *	2.604
July	9 *	0.441 *	0.68355 *	1.745 *	2.70475
July	10 *	0.491 *	0.76105 *	1.616 *	2.5048
July	11 *	0.481 *	0.74555 *	1.486 *	2.3033
July	12 *	0.464 *	0.7192 *	1.81 *	2.8055

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
July	13 *	0.455 *	0.70525 *	1.68 *	2.604
July	14 *	0.463 *	0.71765 *	1.68 *	2.604
July	15 *	0.45 *	0.6975 *	1.745 *	2.70475
July	16 *	0.442 *	0.6851 *	1.874 *	2.9047
July	17 *	0.487 *	0.75485 *	1.745 *	2.70475
July	18 *	0.486 *	0.7533 *	1.616 *	2.5048
July	19 *	0.454 *	0.7037 *	1.422 *	2.2041
July	20 *	0.464 *	0.7192 *	1.293 *	2.00415
July	21 *	0.488 *	0.7564 *	1.293 *	2.00415
July	22 *	0.464 *	0.7192 *	1.163 *	1.80265
July	23 *	0.455 *	0.70525 *	1.228 *	1.9034
July	24 *	0.519 *	0.80445 *	1.357 *	2.10335
July	25 *	0.497 *	0.77035 *	1.293 *	2.00415
July	26 *	0.477 *	0.73935 *	1.293 *	2.00415
July	27 *	0.467 *	0.72385 *	1.293 *	2.00415
July	28 *	0.488 *	0.7564 *	1.163 *	1.80265
July	29 *	0.482 *	0.7471 *	1.034 *	1.6027
July	30 *	0.461 *	0.71455 *	1.099 *	1.70345
July	31 *	0.53 *	0.8215 *	1.551 *	2.40405
August	1 *	0.51 *	0.7905 *	1.1	1.705
August	2 *	0.478 *	0.7409 *	1.2	1.86
August	3 *	0.464 *	0.7192 *	1.3	2.015
August	4 *	0.453 *	0.70215 *	1.2	1.86
August	5 *	0.45 *	0.6975 *	1.1	1.705
August	6 *	0.453 *	0.70215 *	1.3	2.015
August	7 *	0.509 *	0.78895 *	1.4	2.17
August	8 *	0.512 *	0.7936 *	1.3	2.015
August	9 *	0.482 *	0.7471 *	1.3	2.015
August	10 *	0.473 *	0.73315 *	1.3	2.015
August	11 *	0.496 *	0.7688 *	1.4	2.17
August	12 *	0.453 *	0.70215 *	1.3	2.015

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name	FLOW	FLOW	FLOW	FLOW
Units	MGD	cfs	MGD	cfs
Sample Type	METER	METER	METER	METER
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
August 13 *	0.477 *	0.73935 *	1.1	1.705
August 14 *	0.492 *	0.7626 *	1.6	2.48
August 15 *	0.461 *	0.71455 *	1.4	2.17
August 16 *	0.476 *	0.7378 *	1.1	1.705
August 17 *	0.47 *	0.7285 *	1.1	1.705
August 18 *	0.47 *	0.7285 *	1.3	2.015
August 19 *	0.436 *	0.6758 *	1.4	2.17
August 20 *	0.478 *	0.7409 *	1.5	2.325
August 21 *	0.502 *	0.7781 *	1.5	2.325
August 22 *	0.481 *	0.74555 *	1.3	2.015
August 23 *	0.463 *	0.71765 *	1.2	1.86
August 24 *	0.461 *	0.71455 *	1.2	1.86
August 25 *	0.454 *	0.7037 *	1	1.55
August 26 *	0.456 *	0.7068 *	0.75	1.1625
August 27 *	0.486 *	0.7533 *	1.1	1.705
August 28 *	0.502 *	0.7781 *	1.2	1.86
August 29 *	0.502 *	0.7781 *	1.3	2.015
August 30 *	0.466 *	0.7223 *	1.2	1.86
August 31 *	0.456 *	0.7068 *	1.1	1.705
SEPT. 1 *	0.473 *	0.73315 *	1.4 *	2.17
SEPT. 2 *	0.454 *	0.7037 *	1.4 *	2.17
SEPT. 3 *	0.447 *	0.69285 *	1.5 *	2.325
SEPT. 4 *	0.467 *	0.72385 *	1.3 *	2.015
SEPT. 5 *	0.518 *	0.8029 *	1 *	1.55
SEPT. 6 *	0.515 *	0.79825 *	0.94 *	1.457
SEPT. 7 *	0.494 *	0.7657 *	0.97 *	1.5035
SEPT. 8 *	0.452 *	0.7006 *	1.2 *	1.86
SEPT. 9 *	0.457 *	0.70835 *	1.4 *	2.17
SEPT. 10 *	0.472 *	0.7316 *	1.5 *	2.325
SEPT. 11 *	0.512 *	0.7936 *	1.4 *	2.17
SEPT. 12 *	0.499 *	0.77345 *	1.2 *	1.86

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
SEPT.	13 *	0.461 *	0.71455 *	1.2 *	1.86
SEPT.	14 *	0.468 *	0.7254 *	1.2 *	1.86
SEPT.	15 *	0.471 *	0.73005 *	1.4 *	2.17
SEPT.	16 *	0.447 *	0.69285 *	1.4 *	2.17
SEPT.	17 *	0.449 *	0.69595 *	1.2 *	1.86
SEPT.	18 *	0.507 *	0.78585 *	1.1 *	1.705
SEPT.	19 *	0.482 *	0.7471 *	1.1 *	1.705
SEPT.	20 *	0.467 *	0.72385 *	1.5 *	2.325
SEPT.	21 *	0.455 *	0.70525 *	1.6 *	2.48
SEPT.	22 *	0.461 *	0.71455 *	1.4 *	2.17
SEPT.	23 *	0.456 *	0.7068 *	0.85 *	1.3175
SEPT.	24 *	0.447 *	0.69285 *	0.68 *	1.054
SEPT.	25 *	0.477 *	0.73935 *	1.3 *	2.015
SEPT.	26 *	0.481 *	0.74555 *	1.5 *	2.325
SEPT.	27 *	0.44 *	0.682 *	1.3 *	2.015
SEPT.	28 *	0.447 *	0.69285 *	1 *	1.55
SEPT.	29 *	0.443 *	0.68665 *	1.3 *	2.015
SEPT.	30 *	0.451 *	0.69905 *	1.5 *	2.325
Oct.	1 *	0.486 *	0.7533 *	1.4 *	2.17
Oct.	2 *	0.497 *	0.77035 *	1.4 *	2.17
Oct.	3 *	0.502 *	0.7781 *	1.54 *	2.387
Oct.	4 *	0.471 *	0.73005 *	1.3 *	2.015
Oct.	5 *	0.471 *	0.73005 *	1 *	1.55
Oct.	6 *	0.487 *	0.75485 *	0.94 *	1.457
Oct.	7 *	0.45 *	0.6975 *	0.97 *	1.5035
Oct.	8 *	0.419 *	0.64945 *	1.2 *	1.86
Oct.	9 *	0.459 *	0.71145 *	1.4 *	2.17
Oct.	10 *	0.467 *	0.72385 *	1.5 *	2.325
Oct.	11 *	0.479 *	0.74245 *	1.4 *	2.17
Oct.	12 *	0.454 *	0.7037 *	1.2 *	1.86
Oct.	13 *	0.446 *	0.6913 *	1.2 *	1.86

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
Oct.	14 *	0.457 *	0.70835 *	1.2 *	1.86
Oct.	15 *	0.459 *	0.71145 *	1.4 *	2.17
Oct.	16 *	0.505 *	0.78275 *	1.4 *	2.17
Oct.	17 *	0.482 *	0.7471 *	1.2 *	1.86
Oct.	18 *	0.465 *	0.72075 *	1.1 *	1.705
Oct.	19 *	0.456 *	0.7068 *	1.1 *	1.705
Oct.	20 *	0.461 *	0.71455 *	1.5 *	2.325
Oct.	21 *	0.459 *	0.71145 *	1.4 *	2.17
Oct.	22 *	0.47 *	0.7285 *	1.4 *	2.17
Oct.	23 *	0.479 *	0.74245 *	1.2 *	1.86
Oct.	24 *	0.481 *	0.74555 *	0.85 *	1.3175
Oct.	25 *	0.464 *	0.7192 *	0.68 *	1.054
Oct.	26 *	0.452 *	0.7006 *	1.3 *	2.015
Oct.	27 *	0.419 *	0.64945 *	1.5 *	2.325
Oct.	28 *	0.456 *	0.7068 *	1.3 *	2.015
Oct.	29 *	0.468 *	0.7254 *	1 *	1.55
Oct.	30 *	0.478 *	0.7409 *	1.3 *	2.015
Oct.	31 *	0.472 *	0.7316 *	1.5 *	2.325
Nov.	1 *	0.51 *	0.7905 *	1.7 *	2.635
Nov.	2 *	0.519 *	0.80445 *	4.2 *	6.51
Nov.	3 *	0.506 *	0.7843 *	4 *	6.2
Nov.	4 *	0.471 *	0.73005 *	2.8 *	4.34
Nov.	5 *	0.483 *	0.74865 *	2.1 *	3.255
Nov.	6 *	0.522 *	0.8091 *	1.9 *	2.945
Nov.	7 *	0.492 *	0.7626 *	1.8 *	2.79
Nov.	8 *	0.494 *	0.7657 *	2.4 *	3.72
Nov.	9 *	0.467 *	0.72385 *	2.4 *	3.72
Nov.	10 *	0.501 *	0.77655 *	2.4 *	3.72
Nov.	11 *	0.448 *	0.6944 *	2.6 *	4.03
Nov.	12 *	0.507 *	0.78585 *	2.3 *	3.565
Nov.	13 *	0.617 *	0.95635 *	5.1 *	7.905

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
Nov.	14 *	0.566 *	0.8773 *	6.2 *	9.61
Nov.	15 *	0.486 *	0.7533 *	3.7 *	5.735
Nov.	16 *	0.48 *	0.744 *	2.8 *	4.34
Nov.	17 *	0.489 *	0.75795 *	2.9 *	4.495
Nov.	18 *	0.494 *	0.7657 *	3.3 *	5.115
Nov.	19 *	0.471 *	0.73005 *	2.3 *	3.565
Nov.	20 *	0.527 *	0.81685 *	2.1 *	3.255
Nov.	21 *	0.503 *	0.77965 *	2.2 *	3.41
Nov.	22 *	0.505 *	0.78275 *	2.5 *	3.875
Nov.	23 *	0.455 *	0.70525 *	2.6 *	4.03
Nov.	24 *	0.461 *	0.71455 *	2.3 *	3.565
Nov.	25 *	0.474 *	0.7347 *	2.3 *	3.565
Nov.	26 *	0.526 *	0.8153 *	2.7 *	4.185
Nov.	27 *	0.551 *	0.85405 *	4.3 *	6.665
Nov.	28 *	0.493 *	0.76415 *	3.1 *	4.805
Nov.	29 *	0.47 *	0.7285 *	3.1 *	4.805
Nov.	30 *	0.474 *	0.7347 *	2.3 *	3.565
Dec.	1 *	0.48 *	0.744 *	2.2 *	3.41
Dec.	2 *	0.46 *	0.713 *	2.2 *	3.41
Dec.	3 *	0.478 *	0.7409 *	2.3 *	3.565
Dec.	4 *	0.493 *	0.76415 *	2.4 *	3.72
Dec.	5 *	0.492 *	0.7626 *	2.3 *	3.565
Dec.	6 *	0.495 *	0.76725 *	2.1 *	3.255
Dec.	7 *	0.468 *	0.7254 *	2.4 *	3.72
Dec.	8 *	0.569 *	0.88195 *	3 *	4.65
Dec.	9 *	0.632 *	0.9796 *	14 *	21.7
Dec.	10 *	0.596 *	0.9238 *	15 *	23.25
Dec.	11 *	0.579 *	0.89745 *	5.2 *	8.06
Dec.	12 *	0.629 *	0.97495 *	7.6 *	11.78
Dec.	13 *	0.542 *	0.8401 *	5.7 *	8.835
Dec.	14 *	0.536 *	0.8308 *	3.8 *	5.89

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name		FLOW	FLOW	FLOW	FLOW	
Units		MGD	cfs	MGD	cfs	
Sample Type		METER	METER	METER	METER	
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
	Dec.	15 *	0.494 *	0.7657 *	3.7 *	5.735
	Dec.	16 *	0.446 *	0.6913 *	3.3 *	5.115
	Dec.	17 *	0.451 *	0.69905 *	3.1 *	4.805
	Dec.	18 *	0.509 *	0.78895 *	3 *	4.65
	Dec.	19 *	0.498 *	0.7719 *	2.8 *	4.34
	Dec.	20 *	0.493 *	0.76415 *	2.6 *	4.03
	Dec.	21 *	0.574 *	0.8897 *	5.2 *	8.06
	Dec.	22 *	0.514 *	0.7967 *	6.9 *	10.695
	Dec.	23 *	0.494 *	0.7657 *	3.8 *	5.89
	Dec.	24 *	0.444 *	0.6882 *	3.6 *	5.58
	Dec.	25 *	0.429 *	0.66495 *	3.4 *	5.27
	Dec.	26 *	0.723 *	1.12065 *	5.3 *	8.215
	Dec.	27 *	0.936 *	1.4508 *	40 *	62
	Dec.	28 *	0.63 *	0.9765 *	9.5 *	14.725
	Dec.	29 *	0.535 *	0.82925 *	5.6 *	8.68
	Dec.	30 *	0.499 *	0.77345 *	4.6 *	7.13
2007	Dec.	31 *	0.466 *	0.7223 *	7.6 *	11.78
	Jan.	1 *	0.459 *	0.71145 *	6.6 *	10.23
	Jan.	2 *	0.503 *	0.77965	4	6.2
	Jan.	3 *	0.614 *	0.9517	4.2	6.51
	Jan.	4 *	0.992 *	1.5376	37	57.35
	Jan.	5 *	0.614 *	0.9517	13	20.15
	Jan.	6 *	0.553 *	0.85715	7.4	11.47
	Jan.	7 *	0.505 *	0.78275	5.9	9.145
	Jan.	8 *	0.579 *	0.89745	5.1	7.905
	Jan.	9 *	0.521 *	0.80755	4.8	7.44
	Jan.	10 *	0.535 *	0.82925	4.7	7.285
	Jan.	11 *	0.496 *	0.7688	4.4	6.82
	Jan.	12 *	0.445 *	0.68975	4.1	6.355
	Jan.	13 *	0.496 *	0.7688	3.6	5.58
	Jan.	14 *	0.486 *	0.7533	3.4	5.27
	Jan.	15 *	0.485 *	0.75175	6.3	9.765

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
Jan.	16 *	0.531 *	0.82305	6.2	9.61
Jan.	17 *	0.492 *	0.7626	3.7	5.735
Jan.	18 *	0.504 *	0.7812	4.3	6.665
Jan.	19 *	0.466 *	0.7223	4.6	7.13
Jan.	20 *	0.459 *	0.71145	4.2	6.51
Jan.	21 *	0.45 *	0.6975	4.2	6.51
Jan.	22 *	0.48 *	0.744	3.1	4.805
Jan.	23 *	0.515 *	0.79825	2.9	4.495
Jan.	24 *	0.481 *	0.74555	2.9	4.495
Jan.	25 *	0.456 *	0.7068	3	4.65
Jan.	26 *	0.456 *	0.7068	3.4	5.27
Jan.	27 *	0.463 *	0.71765	2.9	4.495
Jan.	28 *	0.455 *	0.70525	2.9	4.495
Jan.	29 *	0.496 *	0.7688	3	4.65
Jan.	30 *	0.494 *	0.7657	3.3	5.115
Jan.	31 *	0.481 *	0.74555	3	4.65
Feb.	1 *	0.441 *	0.68355 *	3.1 *	4.805
Feb.	2 *	0.432 *	0.6696 *	3.4 *	5.27
Feb.	3 *	0.44 *	0.682 *	2.6 *	4.03
Feb.	4 *	0.446 *	0.6913 *	2.7 *	4.185
Feb.	5 *	0.489 *	0.75795 *	2.8 *	4.34
Feb.	6 *	0.5 *	0.775 *	2.8 *	4.34
Feb.	7 *	0.511 *	0.79205 *	3 *	4.65
Feb.	8 *	0.525 *	0.81375 *	4.1 *	6.355
Feb.	9 *	0.671 *	1.04005 *	15 *	23.25
Feb.	10 *	1.514 *	2.3467 *	89 *	137.95
Feb.	11 *	1.033 *	1.60115 *	95 *	147.25
Feb.	12 *	0.796 *	1.2338 *	24 *	37.2
Feb.	13 *	0.698 *	1.0819 *	18 *	27.9
Feb.	14 *	0.648 *	1.0044 *	12 *	18.6
Feb.	15 *	0.501 *	0.77655 *	9.6 *	14.88

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
Feb.	16 *	0.562 *	0.8711 *	8.1 *	12.555
Feb.	17 *	0.495 *	0.76725 *	7.4 *	11.47
Feb.	18 *	0.473 *	0.73315 *	7.1 *	11.005
Feb.	19 *	0.513 *	0.79515 *	8 *	12.4
Feb.	20 *	0.52 *	0.806 *	6.4 *	9.92
Feb.	21 *	0.554 *	0.8587 *	5.4 *	8.37
Feb.	22 *	1.131 *	1.75305 *	37 *	57.35
Feb.	23 *	0.821 *	1.27255 *	39 *	60.45
Feb.	24 *	0.739 *	1.14545 *	18 *	27.9
Feb.	25 *	1.349 *	2.09095 *	75 *	116.25
Feb.	26 *	1.721 *	2.66755 *	168 *	260.4
Feb.	27 *	1.258 *	1.9499 *	112 *	173.6
Feb.	28 *	1.196 *	1.8538 *	73 *	113.15
March	1 *	0.874 *	1.3547 *	45 *	69.75
March	2 *	0.724 *	1.1222 *	30 *	46.5
March	3 *	0.667 *	1.03385 *	21 *	32.55
March	4 *	0.653 *	1.01215 *	17 *	26.35
March	5 *	0.64 *	0.992 *	14 *	21.7
March	6 *	0.577 *	0.89435 *	12 *	18.6
March	7 *	0.556 *	0.8618 *	11 *	17.05
March	8 *	0.506 *	0.7843 *	10 *	15.5
March	9 *	0.517 *	0.80135 *	9.8 *	15.19
March	10 *	0.481 *	0.74555 *	9.2 *	14.26
March	11 *	0.519 *	0.80445 *	8.3 *	12.865
March	12 *	0.538 *	0.8339 *	7.6 *	11.78
March	13 *	0.522 *	0.8091 *	7.2 *	11.16
March	14 *	0.522 *	0.8091 *	6.3 *	9.765
March	15 *	0.471 *	0.73005 *	6.3 *	9.765
March	16 *	0.484 *	0.7502 *	6.2 *	9.61
March	17 *	0.474 *	0.7347 *	6 *	9.3
March	18 *	0.472 *	0.7316 *	5.8 *	8.99

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
March	19 *	0.518 *	0.8029 *	5.7 *	8.835
March	20 *	0.51 *	0.7905 *	6.3 *	9.765
March	21 *	0.508 *	0.7874 *	6 *	9.3
March	22 *	0.548 *	0.8494 *	6.1 *	9.455
March	23 *	0.475 *	0.73625 *	5.9 *	9.145
March	24 *	0.44 *	0.682 *	5.2 *	8.06
March	25 *	0.426 *	0.6603 *	4.8 *	7.44
March	26 *	0.633 *	0.98115 *	11 *	17.05
March	27 *	0.559 *	0.86645 *	10 *	15.5
March	28 *	0.489 *	0.75795 *	6.6 *	10.23
March	29 *	0.507 *	0.78585 *	5.8 *	8.99
March	30 *	0.496 *	0.7688 *	5.4 *	8.37
March	31 *	0.453 *	0.70215 *	5.1 *	7.905
April	1 *	0.443 *	0.68665 *	4.9 *	7.595
April	2 *	0.491 *	0.76105 *	4.5 *	6.975
April	3 *	0.483 *	0.74865 *	4.2 *	6.51
April	4 *	0.458 *	0.7099 *	4.2 *	6.51
April	5 *	0.464 *	0.7192 *	4.2 *	6.51
April	6 *	0.45 *	0.6975 *	4.8 *	7.44
April	7 *	0.452 *	0.7006 *	4.6 *	7.13
April	8 *	0.425 *	0.65875 *	4.7 *	7.285
April	9 *	0.491 *	0.76105 *	4.2 *	6.51
April	10 *	0.479 *	0.74245 *	4.1 *	6.355
April	11 *	0.518 *	0.8029 *	5.7 *	8.835
April	12 *	0.478 *	0.7409 *	5.1 *	7.905
April	13 *	0.433 *	0.67115 *	3.9 *	6.045
April	14 *	0.495 *	0.76725 *	5.3 *	8.215
April	15 *	0.501 *	0.77655 *	5.3 *	8.215
April	16 *	0.492 *	0.7626 *	4.4 *	6.82
April	17 *	0.515 *	0.79825 *	3.8 *	5.89
April	18 *	0.459 *	0.71145 *	3.5 *	5.425

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
April	19 *	0.456 *	0.7068 *	3.6 *	5.58
April	20 *	0.475 *	0.73625 *	3.8 *	5.89
April	21 *	0.77 *	1.1935 *	4.6 *	7.13
April	22 *	0.918 *	1.4229 *	46 *	71.3
April	23 *	0.667 *	1.03385 *	12 *	18.6
April	24 *	0.625 *	0.96875 *	7.5 *	11.625
April	25 *	0.574 *	0.8897 *	6 *	9.3
April	26 *	0.517 *	*	5.4 *	8.37
April	27 *	0.517 *	0.80135 *	5.1 *	7.905
April	28 *	0.468 *	0.7254 *	4.7 *	7.285
April	29 *	0.46 *	0.713 *	4.3 *	6.665
April	30 *	0.515 *	0.79825 *	4.2 *	6.51
May	1 *	0.516 *	0.7998 *	4.6 *	7.13
May	2 *	0.531 *	0.82305 *	5.4 *	8.37
May	3 *	0.504 *	0.7812 *	4.6 *	7.13
May	4 *	0.491 *	0.76105 *	5.9 *	9.145
May	5 *	0.474 *	0.7347 *	4.6 *	7.13
May	6 *	0.489 *	0.75795 *	3.9 *	6.045
May	7 *	0.515 *	0.79825 *	3.3 *	5.115
May	8 *	0.506 *	0.7843 *	3.7 *	5.735
May	9 *	0.454 *	0.7037 *	3.7 *	5.735
May	10 *	0.445 *	0.68975 *	3.3 *	5.115
May	11 *	0.453 *	0.70215 *	2.8 *	4.34
May	12 *	0.398 *	0.6169 *	2.7 *	4.185
May	13 *	0.466 *	0.7223 *	3.1 *	4.805
May	14 *	0.47 *	0.7285 *	3.3 *	5.115
May	15 *	0.445 *	0.68975 *	2.7 *	4.185
May	16 *	0.477 *	0.73935 *	2.5 *	3.875
May	17 *	0.455 *	0.70525 *	2.5 *	3.875
May	18 *	0.428 *	0.6634 *	2.4 *	3.72
May	19 *	0.46 *	0.713 *	2.2 *	3.41

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
May	20 *	0.443 *	0.68665 *	2.5 *	3.875
May	21 *	0.469 *	0.72695 *	2.5 *	3.875
May	22 *	0.477 *	0.73935 *	2.5 *	3.875
May	23 *	0.452 *	0.7006 *	2.4 *	3.72
May	24 *	0.409 *	0.63395 *	2.4 *	3.72
May	25 *	0.437 *	0.67735 *	2.1 *	3.255
May	26 *	0.434 *	0.6727 *	2.3 *	3.565
May	27 *	0.41 *	0.6355 *	2.6 *	4.03
May	28 *	0.464 *	0.7192 *	2.3 *	3.565
May	29 *	0.493 *	0.76415 *	2.1 *	3.255
May	30 *	0.475 *	0.73625 *	1.8 *	2.79
May	31 *	0.444 *	0.6882 *	1.7 *	2.635
June	1 *	0.429 *	0.66495 *	1.7 *	2.635
June	2 *	0.425 *	0.65875 *	2 *	3.1
June	3 *	0.437 *	0.67735 *	1.9 *	2.945
June	4 *	0.476 *	0.7378 *	1.8 *	2.79
June	5 *	0.482 *	0.7471 *	1.8 *	2.79
June	6 *	0.45 *	0.6975 *	1.7 *	2.635
June	7 *	0.428 *	0.6634 *	1.8 *	2.79
June	8 *	0.466 *	0.7223 *	1.6 *	2.48
June	9 *	0.394 *	0.6107 *	1.5 *	2.325
June	10 *	0.395 *	0.61225 *	1.5 *	2.325
June	11 *	0.445 *	0.68975 *	1.6 *	2.48
June	12 *	0.458 *	0.7099 *	1.3 *	2.015
June	13 *	0.424 *	0.6572 *	1 *	1.55
June	14 *	0.409 *	0.63395 *	1 *	1.55
June	15 *	0.432 *	0.6696 *	1.2 *	1.86
June	16 *	0.398 *	0.6169 *	1.3 *	2.015
June	17 *	0.409 *	0.63395 *	1.5 *	2.325
June	18 *	0.482 *	0.7471 *	1.6 *	2.48
June	19 *	0.465 *	0.72075 *	1.3 *	2.015

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
June	20 *	0.465 *	0.72075 *	1 *	1.55
June	21 *	0.413 *	0.64015 *	1.4 *	2.17
June	22 *	0.423 *	0.65565 *	1.2 *	1.86
June	23 *	0.413 *	0.64015 *	0.8 *	1.24
June	24 *	0.424 *	0.6572 *	0.5 *	0.775
June	25 *	0.473 *	0.73315 *	0.5 *	0.775
June	26 *	0.471 *	0.73005 *	0.4 *	0.62
June	27 *	0.501 *	0.77655 *	0.3 *	0.465
June	28 *	0.775 *	1.20125 *	0.5 *	0.775
June	29 *	0.449 *	0.69595 *	0.9 *	1.395
June	30 *	0.431 *	0.66805 *	0.5 *	0.775
July	1 *	0.422 *	0.6541 *	0.87 *	1.3485
July	2 *	0.468 *	0.7254 *	0.66 *	1.023
July	3 *	0.462 *	0.7161 *	0.53 *	0.8215
July	4 *	0.402 *	0.6231 *	0.56 *	0.868
July	5 *	0.425 *	0.65875 *	0.37 *	0.5735
July	6 *	0.427 *	0.66185 *	0.27 *	0.4185
July	7 *	0.401 *	0.62155 *	0.42 *	0.651
July	8 *	0.409 *	0.63395 *	0.54 *	0.837
July	9 *	0.453 *	0.70215 *	0.57 *	0.8835
July	10 *	0.465 *	0.72075 *	0.58 *	0.899
July	11 *	0.467 *	0.72385 *	0.71 *	1.1005
July	12 *	0.423 *	0.65565 *	0.59 *	0.9145
July	13 *	0.439 *	0.68045 *	0.43 *	0.6665
July	14 *	0.4 *	0.62 *	0.37 *	0.5735
July	15 *	0.408 *	0.6324 *	0.36 *	0.558
July	16 *	0.475 *	0.73625 *	0.4 *	0.62
July	17 *	0.449 *	0.69595 *	0.46 *	0.713
July	18 *	0.447 *	0.69285 *	0.75 *	1.1625
July	19 *	0.4 *	0.62 *	0.87 *	1.3485
July	20 *	0.395 *	0.61225 *	0.74 *	1.147

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
July	21 *	0.41 *	0.6355 *	0.63 *	0.9765
July	22 *	0.414 *	0.6417 *	0.41 *	0.6355
July	23 *	0.466 *	0.7223 *	0.33 *	0.5115
July	24 *	0.398 *	0.6169 *	0.62 *	0.961
July	25 *	0.368 *	0.5704 *	0.43 *	0.6665
July	26 *	0.345 *	0.53475 *	0.41 *	0.6355
July	27 *	0.367 *	0.56885 *	0.35 *	0.5425
July	28 *	0.326 *	0.5053 *	0.23 *	0.3565
July	29 *	0.337 *	0.52235 *	0.18 *	0.279
July	30 *	0.385 *	0.59675 *	0.15 *	0.2325
July	31 *	0.395 *	0.61225 *	0.12 *	0.186
August	1 *	0.363 *	0.56265 *	0.11	0.1705
August	2 *	0.364 *	0.5642 *	0.09	0.1395
August	3 *	0.354 *	0.5487 *	0.09	0.1395
August	4 *	0.336 *	0.5208 *	0.05	0.0775
August	5 *	0.364 *	0.5642 *	0.02	0.031
August	6 *	0.378 *	0.5859 *	0.21	0.3255
August	7 *	0.414 *	0.6417 *	0.31	0.4805
August	8 *	0.372 *	0.5766 *	0.19	0.2945
August	9 *	0.362 *	0.5611 *	0.12	0.186
August	10 *	0.397 *	0.61535 *	0.1	0.155
August	11 *	0.339 *	0.52545 *	0.14	0.217
August	12 *	0.363 *	0.56265 *	0.11	0.1705
August	13 *	0.433 *	0.67115 *	0.1	0.155
August	14 *	0.468 *	0.7254 *	0.14	0.217
August	15 *	0.428 *	0.6634 *	0.27	0.4185
August	16 *	0.424 *	0.6572 *	0.18	0.279
August	17 *	0.391 *	0.60605 *	0.15	0.2325
August	18 *	0.403 *	0.62465 *	0.19	0.2945
August	19 *	0.43 *	0.6665 *	0.24	0.372
August	20 *	0.452 *	0.7006 *	0.2	0.31

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name	FLOW	FLOW	FLOW	FLOW
Units	MGD	cfs	MGD	cfs
Sample Type	METER	METER	METER	METER
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
August 21 *	0.448 *	0.6944 *	0.12	0.186
August 22 *	0.409 *	0.63395 *	0.1	0.155
August 23 *	0.382 *	0.5921 *	0.1	0.155
August 24 *	0.392 *	0.6076 *	0.1	0.155
August 25 *	0.349 *	0.54095 *	0.09	0.1395
August 26 *	0.388 *	0.6014 *	0.09	0.1395
August 27 *	0.419 *	0.64945 *	0.19	0.2945
August 28 *	0.392 *	0.6076 *	0.24	0.372
August 29 *	0.345 *	0.53475 *	0.18	0.279
August 30 *	0.361 *	0.55955 *	0.07	0.1085
August 31 *	0.368 *	0.5704 *	0.06	0.093
SEPT. 1 *	0.338 *	0.5239 *	0.05 *	0.0775
SEPT. 2 *	0.316 *	0.4898 *	0.03 *	0.0465
SEPT. 3 *	0.378 *	0.5859 *	0.04 *	0.062
SEPT. 4 *	0.389 *	0.60295 *	0.05 *	0.0775
SEPT. 5 *	0.395 *	0.61225 *	0.19 *	0.2945
SEPT. 6 *	0.395 *	0.61225 *	0.26 *	0.403
SEPT. 7 *	0.368 *	0.5704 *	0.28 *	0.434
SEPT. 8 *	0.374 *	0.5797 *	0.39 *	0.6045
SEPT. 9 *	0.362 *	0.5611 *	0.34 *	0.527
SEPT. 10 *	0.378 *	0.5859 *	0.38 *	0.589
SEPT. 11 *	0.383 *	0.59365 *	0.39 *	0.6045
SEPT. 12 *	0.387 *	0.59985 *	0.38 *	0.589
SEPT. 13 *	0.402 *	0.6231 *	0.41 *	0.6355
SEPT. 14 *	0.373 *	0.57815 *	0.49 *	0.7595
SEPT. 15 *	0.359 *	0.55645 *	0.51 *	0.7905
SEPT. 16 *	0.379 *	0.58745 *	0.53 *	0.8215
SEPT. 17 *	0.405 *	0.62775 *	0.53 *	0.8215
SEPT. 18 *	0.419 *	0.64945 *	0.62 *	0.961
SEPT. 19 *	0.397 *	0.61535 *	0.58 *	0.899
SEPT. 20 *	0.382 *	0.5921 *	0.71 *	1.1005

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name	FLOW	FLOW	FLOW	FLOW
Units	MGD	cfs	MGD	cfs
Sample Type	METER	METER	METER	METER
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
SEPT. 21 *	0.368 *	0.5704 *	0.72 *	1.116
SEPT. 22 *	0.385 *	0.59675 *	0.88 *	1.364
SEPT. 23 *	0.392 *	0.6076 *	1.1 *	1.705
SEPT. 24 *	0.399 *	0.61845 *	0.91 *	1.4105
SEPT. 25 *	0.419 *	0.64945 *	0.75 *	1.1625
SEPT. 26 *	0.468 *	0.7254 *	0.67 *	1.0385
SEPT. 27 *	0.78 *	1.209 *	0.69 *	1.0695
SEPT. 28 *	0.426 *	0.6603 *	0.8 *	1.24
SEPT. 29 *	0.407 *	0.63085 *	1.1 *	1.705
SEPT. 30 *	0.425 *	0.65875 *	1.1 *	1.705
Oct. 1 *	0.41 *	0.6355 *	0.9 *	1.395
Oct. 2 *	0.462 *	0.7161 *	0.9 *	1.395
Oct. 3 *	0.466 *	0.7223 *	0.8 *	1.24
Oct. 4 *	0.437 *	0.67735 *	0.8 *	1.24
Oct. 5 *	0.419 *	0.64945 *	1.2 *	1.86
Oct. 6 *	0.417 *	0.64635 *	1.2 *	1.86
Oct. 7 *	0.417 *	0.64635 *	1.1 *	1.705
Oct. 8 *	0.412 *	0.6386 *	1.1 *	1.705
Oct. 9 *	0.482 *	0.7471 *	1 *	1.55
Oct. 10 *	0.508 *	0.7874 *	3.4 *	5.27
Oct. 11 *	0.466 *	0.7223 *	1.4 *	2.17
Oct. 12 *	0.416 *	0.6448 *	1.4 *	2.17
Oct. 13 *	0.423 *	0.65565 *	1.5 *	2.325
Oct. 14 *	0.405 *	0.62775 *	1.4 *	2.17
Oct. 15 *	0.461 *	0.71455 *	1.4 *	2.17
Oct. 16 *	0.472 *	0.7316 *	1.7 *	2.635
Oct. 17 *	0.439 *	0.68045 *	2.2 *	3.41
Oct. 18 *	0.433 *	0.67115 *	1.7 *	2.635
Oct. 19 *	0.444 *	0.6882 *	1.6 *	2.48
Oct. 20 *	0.427 *	0.66185 *	2.5 *	3.875
Oct. 21 *	0.446 *	0.6913 *	1.7 *	2.635

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name	FLOW	FLOW	FLOW	FLOW
Units	MGD	cfs	MGD	cfs
Sample Type	METER	METER	METER	METER
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
Oct. 22 *	0.459 *	0.71145 *	1.6 *	2.48
Oct. 23 *	0.454 *	0.7037 *	1.5 *	2.325
Oct. 24 *	0.448 *	0.6944 *	1.5 *	2.325
Oct. 25 *	0.422 *	0.6541 *	1.5 *	2.325
Oct. 26 *	0.431 *	0.66805 *	1.5 *	2.325
Oct. 27 *	0.411 *	0.63705 *	1.6 *	2.48
Oct. 28 *	0.425 *	0.65875 *	1.5 *	2.325
Oct. 29 *	0.465 *	0.72075 *	1.6 *	2.48
Oct. 30 *	0.457 *	0.70835 *	1.8 *	2.79
Oct. 31 *	0.429 *	0.66495 *	1.9 *	2.945
Nov. 1 *	0.421 *	0.65255 *	1.9 *	2.945
Nov. 2 *	0.426 *	0.6603 *	1.9 *	2.945
Nov. 3 *	0.407 *	0.63085 *	1.8 *	2.79
Nov. 4 *	0.447 *	0.69285 *	1.8 *	2.79
Nov. 5 *	0.466 *	0.7223 *	1.8 *	2.79
Nov. 6 *	0.469 *	0.72695 *	1.8 *	2.79
Nov. 7 *	0.466 *	0.7223 *	1.8 *	2.79
Nov. 8 *	0.428 *	0.6634 *	1.8 *	2.79
Nov. 9 *	0.406 *	0.6293 *	1.9 *	2.945
Nov. 10 *	0.553 *	0.85715 *	2.5 *	3.875
Nov. 11 *	0.487 *	0.75485 *	6.8 *	10.54
Nov. 12 *	0.501 *	0.77655 *	3.2 *	4.96
Nov. 13 *	0.511 *	0.79205 *	2.2 *	3.41
Nov. 14 *	0.5 *	0.775 *	1.9 *	2.945
Nov. 15 *	0.47 *	0.7285 *	1.9 *	2.945
Nov. 16 *	0.436 *	0.6758 *	1.9 *	2.945
Nov. 17 *	0.451 *	0.69905 *	1.9 *	2.945
Nov. 18 *	0.476 *	0.7378 *	1.9 *	2.945
Nov. 19 *	0.48 *	0.744 *	1.9 *	2.945
Nov. 20 *	0.472 *	0.7316 *	2 *	3.1
Nov. 21 *	0.472 *	0.7316 *	2 *	3.1

Station Description		EFFLUENT	EFFLUENT	STREAM R1	STREAM R1
Constituent Name		FLOW	FLOW	FLOW	FLOW
Units		MGD	cfs	MGD	cfs
Sample Type		METER	METER	METER	METER
Frequency		CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS
Nov.	22 *	0.401 *	0.62155 *	2 *	3.1
Nov.	23 *	0.448 *	0.6944 *	2.1 *	3.255
Nov.	24 *	0.464 *	0.7192 *	2.1 *	3.255
Nov.	25 *	0.474 *	0.7347 *	2.2 *	3.41
Nov.	26 *	0.49 *	0.7595 *	2.2 *	3.41
Nov.	27 *	0.506 *	0.7843 *	2.2 *	3.41
Nov.	28 *	0.429 *	0.66495 *	2.2 *	3.41
Nov.	29 *	0.408 *	0.6324 *	2.2 *	3.41
Nov.	30 *	0.409 *	0.63395 *	2.3 *	3.565
Dec.	1 *	0.43 *	0.6665 *	2.2 *	3.41
Dec.	2 *	0.398 *	0.6169 *	2.2 *	3.41
Dec.	3 *	0.486 *	0.7533 *	2.6 *	4.03
Dec.	4 *	0.504 *	0.7812 *	2.5 *	3.875
Dec.	5 *	0.477 *	0.73935 *	2.6 *	4.03
Dec.	6 *	0.642 *	0.9951 *	3.7 *	5.735
Dec.	7 *	0.617 *	0.95635 *	19 *	29.45
Dec.	8 *	0.483 *	0.74865 *	4 *	6.2
Dec.	9 *	0.47 *	0.7285 *	2.8 *	4.34
Dec.	10 *	0.485 *	0.75175 *	2.5 *	3.875
Dec.	11 *	0.474 *	0.7347 *	2.3 *	3.565
Dec.	12 *	0.447 *	0.69285 *	2.3 *	3.565
Dec.	13 *	0.442 *	0.6851 *	2.2 *	3.41
Dec.	14 *	0.424 *	0.6572 *	2.2 *	3.41
Dec.	15 *	0.416 *	0.6448 *	2.2 *	3.41
Dec.	16 *	0.472 *	0.7316 *	2.2 *	3.41
Dec.	17 *	0.61 *	0.9455 *	4.4 *	6.82
Dec.	18 *	0.861 *	1.33455 *	20 *	31
Dec.	19 *	0.767 *	1.18885 *	8.1 *	12.555
Dec.	20 *	0.837 *	1.29735 *	42 *	65.1
Dec.	21 *	0.546 *	0.8463 *	11 *	17.05
Dec.	22 *	0.51 *	0.7905 *	4.9 *	7.595

Station Description	EFFLUENT	EFFLUENT	STREAM R1	STREAM R1	
Constituent Name	FLOW	FLOW	FLOW	FLOW	
Units	MGD	cfs	MGD	cfs	
Sample Type	METER	METER	METER	METER	
Frequency	CONTINUOUS	CONTINUOUS	CONTINUOUS	CONTINUOUS	
Dec. 23 *	0.49 *	0.7595 *	4 *	6.2	
Dec. 24 *	0.461 *	0.71455 *	3.6 *	5.58	
Dec. 25 *	0.455 *	0.70525 *	3.3 *	5.115	
Dec. 26 *	0.501 *	0.77655 *	3.1 *	4.805	
Dec. 27 *	0.489 *	0.75795 *	3 *	4.65	
Dec. 28 *	0.481 *	0.74555 *	3.1 *	4.805	
Dec. 29 *	0.484 *	0.7502 *	3.5 *	5.425	
Dec. 30 *	0.456 *	0.7068 *	3.3 *	5.115	
Dec. 31 *	0.483 *	0.74865 *	3.1 *	4.805	

EXHIBIT D

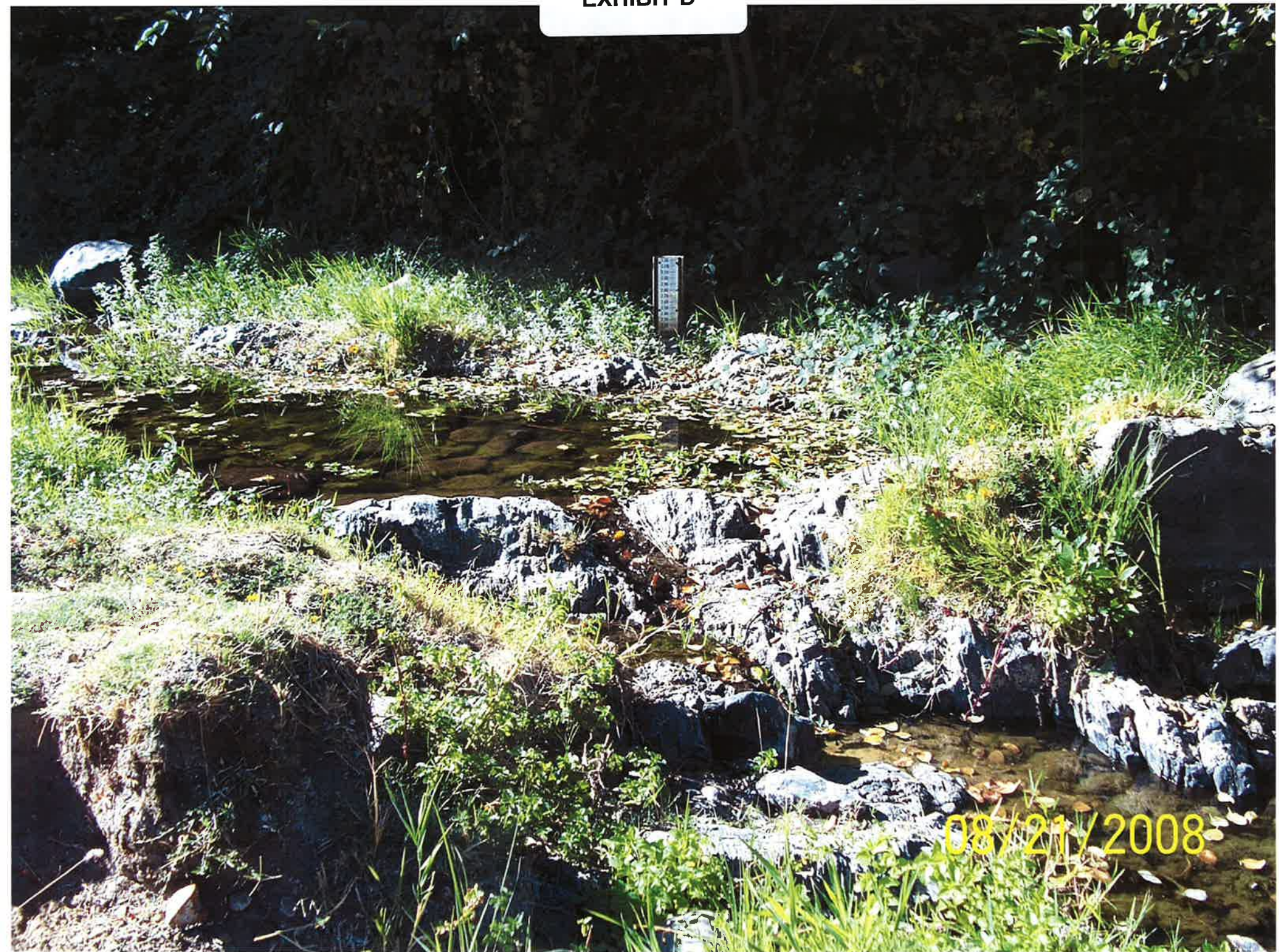


EXHIBIT D



08/21/2008