

CITY OF RIVERSIDE



INTEROFFICE MEMO

DATE: November 26, 2003

TO: Dieter Wirtzfeld
Public Utilities Assistant Director/Water

FROM: Tom Boyd
Deputy Public Works Director

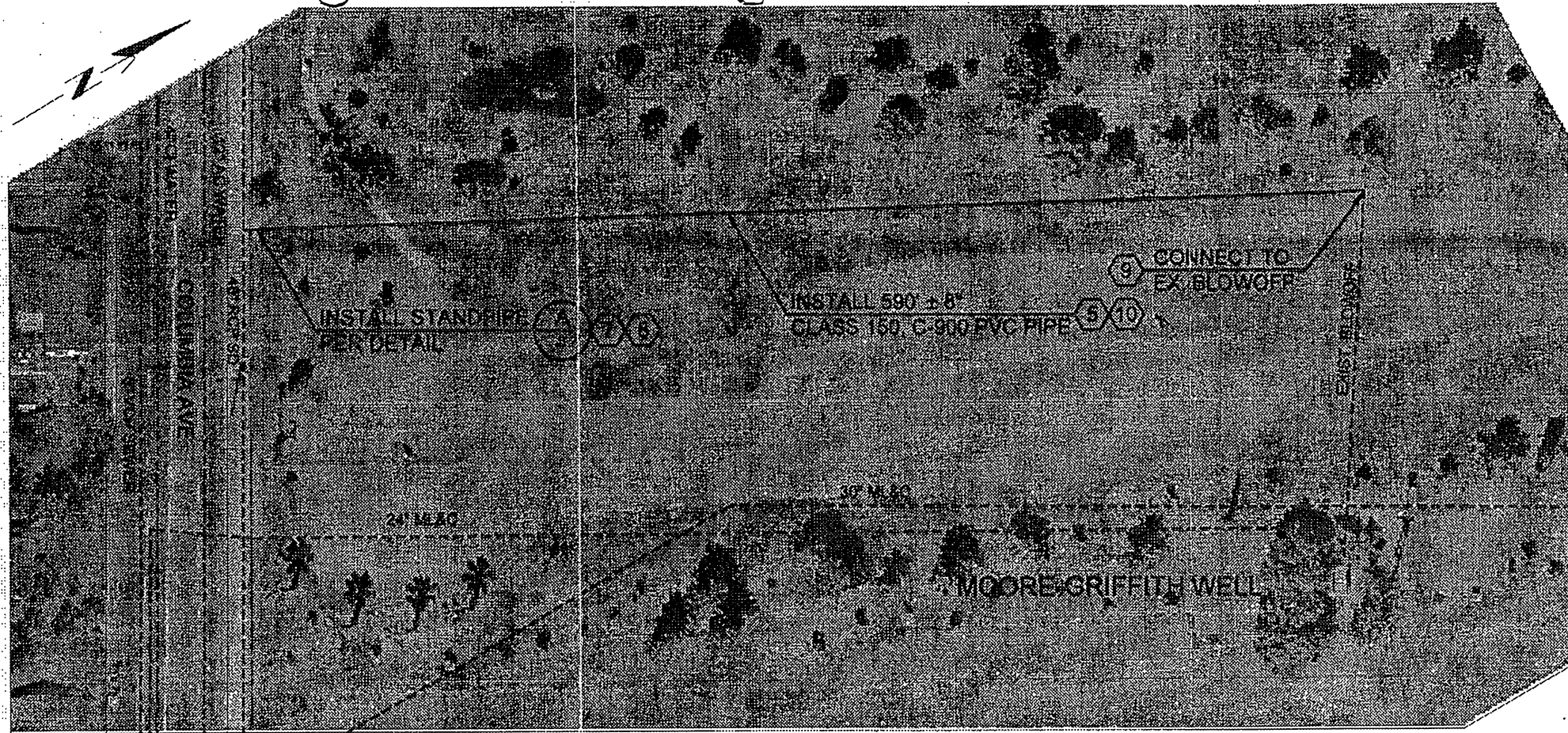
SUBJECT: Moore-Griffith Blow Off Connection to Storm Drain (PUD Dwg. No. D5-704164)

Your staff has requested an encroachment permit to connect a blow off line from the Moore-Griffith well to the 48-inch storm drain in Columbia Avenue adjacent to the Riverside Golf Club. This connection is proposed to be located at approximate station 18+20 (D-548). An encroachment permit is not necessary, however the Public Utilities Department must meet the following conditions in order for the connection to be made.

- In the future, the blow off must be disconnected from the storm drain system if the constituents in the discharge water exceed standards established by regulatory agencies. The time frame for disconnecting the blow off will be mutually agreed upon by both departments.
- 48 hours prior to discharging the blow off to the storm drain system the Public Utilities Department must notify the Public Works Department, Street Maintenance Division, 351-6127. This notification must include the date, time, and duration the discharge is to occur.
- The blow off may not be discharged to the storm drain system during any storm event.
- The Public Utilities Department is responsible for the maintenance of the blow off and it's connection to the storm drain system. Be aware that the blow off connection is below the 10-year hydraulic grade line of the storm drain system. The Public Works Department is not responsible for the cleaning of any silts and debris that enter the blow off system due to this design.
- If the blow off system is abandoned the Public Utilities Department must remove the connection to the storm drain system and repair the storm drain pipe to Public Works Department specifications.

cc: Encroachment Permit File

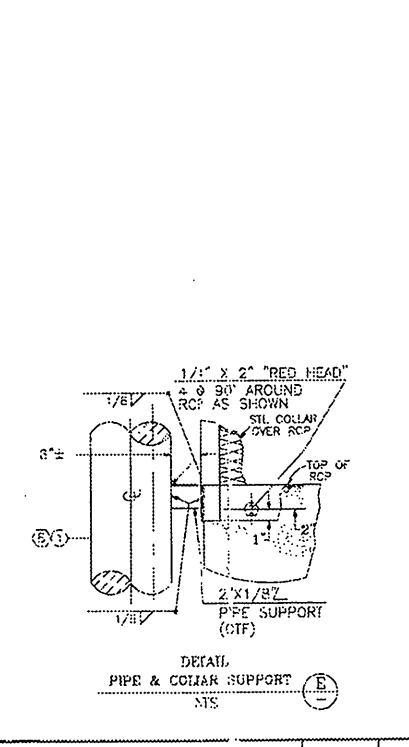
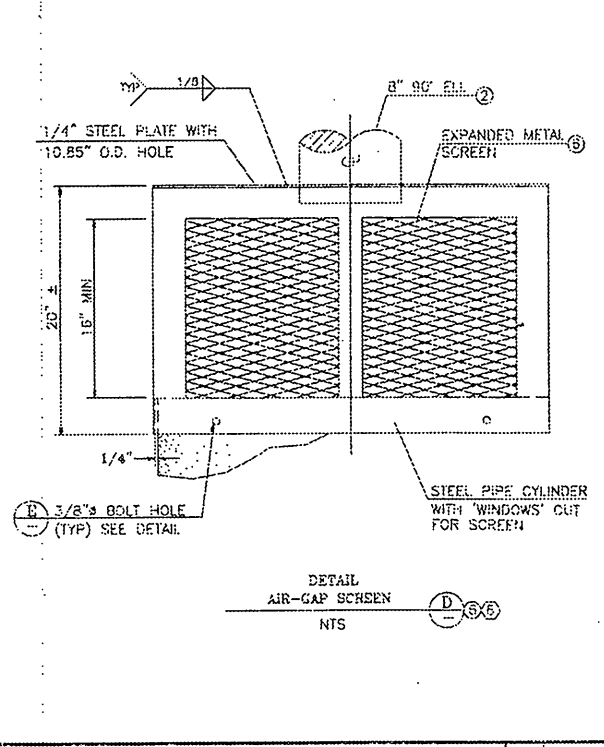
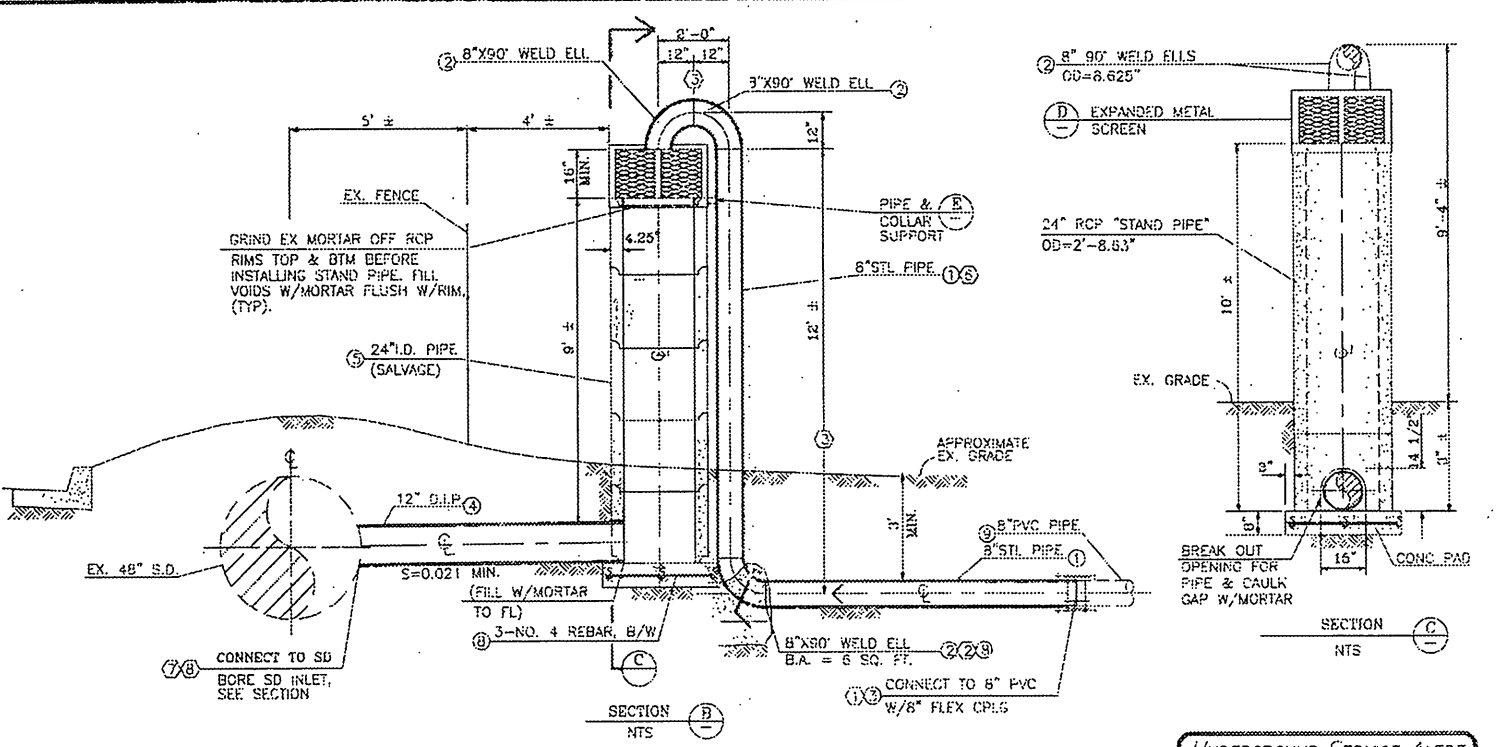
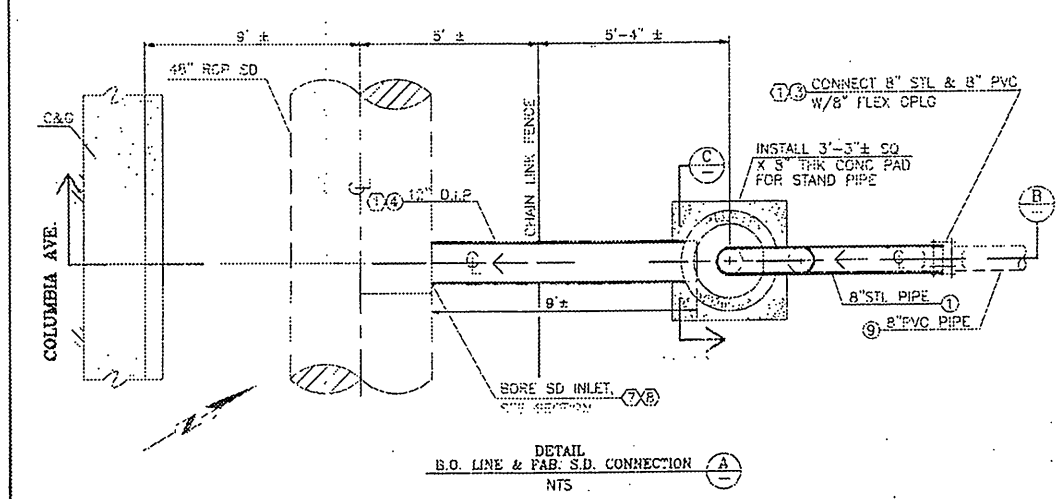
PUBLIC WORKS DEPT.		INITIAL	APD ACTION	DATE
DIRECTOR				
DEPUTY-ENGR	TJB			
DEPUTY-FIELD				
ADM ASST				
SR AA				
SENIOR ENGR				
SOLIDARY				
STRETS				
TRAF E				
CCG				
CAP				
LARD MCV				
SW/L SVT	CVES			
INSPECTOR				11/24/03
SPEC PRG				
CLERICAL				
ASSIST				
FILE	Encroachment Permits			
XREF				
FU DATE				



PLAN VIEW

8" BLOWOFF PIPING
1" = 40'

- GENERAL NOTES**
- 1 ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION AND REVISIONS.
 - 2 CALL 562-374-648 HOURS IN ADVANCE TO COORDINATE ALL CONSTRUCTION ACTIVITY WITH RIVERSIDE GOLF COURSE.
 - 3 ALL NECESSARY PERMITS WILL BE TAKEN OUT BY THE WATER ENGINEERING DIVISION. NO EXCAVATION SHALL BE DONE WITHOUT A STREET OPENING PERMIT.
 - 4 NOTIFY ALL UTILITIES 2-DAYS BEFORE DIGGING, CALL (U.S.A.).
 - 5 ANY DEVIATION FROM THE PLANS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
 - 6 RECORD ALL ACTUAL DIMENSIONS ON A COPY OF THESE CONSTRUCTION DRAWINGS FOR ASBUILTS.
 - 7 FILL IN ALL RUTS AND RESTORE GRASS IN ALL TRENCH AREAS.
 - 8 LOCATION OF IRRIGATION LINES, ETC. UNKNOWN. COORDINATE WITH GOLF COURSE MAINTENANCE SUPERVISOR AND REPAIR ANY DAMAGE.
- CONSTRUCTION NOTES**
- 1 BITUMASTIC COAT & WRAP ALL BURIED STEEL PIPE & FITTINGS, WRAP & TAPE ALL DUCTILE IRON PIPING.
 - 2 INSTALL THRUST BLOCKS IN ACCORDANCE WITH CWD-070.
 - 3 WELD ALL NON-FLEXIBLE JOINTS 360°.
 - 4 TRIM PIPE TO FINAL SHAPE AND LENGTH BEFORE CAULKING WITH MORTAR.
 - 5 INSTALL UNDERGROUND PIPING, BEDDING, & BACKFILL, IN ACCORDANCE WITH CWD-040 & 042 (3" MIN. COVER).
 - 6 PRIME COAT & PAINT ALL ABOVE GROUND PIPING, APPURTENANCES, AND FABRICATED CONICAL GRATES WITH 2-COATS OF "SAND TAN" ENAMEL.
 - 7 CORE 15" ± HOLE IN REINFORCED CONCRETE PIPE STORM DRAIN 20' ± EAST OF MANHOLE & INSTALL 12" BLOWOFF OUTLET PIPE FLUSH WITH STORM DRAIN INSIDE WALL. CAULK VOID BETWEEN PIPE AND ANNULAR OPENING WITH MORTAR PER CITY OF RIVERSIDE PUBLIC WORKS STANDARD NO. 423. (SIMILAR)
 - 8 OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT PRIOR TO CORING INTO STORM DRAIN. (WATER ENGINEERING TO PROVIDE COPY OF PERMIT.)
 - 9 REMOVE EXISTING BLOWOFF GOOSENECK AND PIT. CONNECT NEW 8" PVC BLOWOFF LINE TO EXISTING BLOWOFF. INSTALL THRUST BLOCK WITH B.A. = 6 SQ. FT. (UNKNOWN SIZE AND MATERIAL OF EXISTING UNDERGROUND BLOWOFF.)
 - 10 SECURELY FASTEN #8 COPPER WIRE TO TOP OF PVC PIPE.



MATERIALS LIST

ITEM	DESCRIPTION	QUANTITY	SOURCE
1	8" STD STL PIPE	22 LF±	45016
2	8"X90' STL WLD ELL	3	42911
3	8" FLEX CPLG	1	42208
4	12" DUCTILE IRON PIPE	10 LF±	45031
5	24" I.D. RCP	11 LF±	SALVAGE
6	EXPANDED METAL & MISC PLATES (CEMENT)	1/2 CU YD	41101
7	CONCRETE (CEMENT) (SIX SACK MIX FOR PADS)	20 LF±	20829
8	NO. 4 REBAR	59G LF±	P.O.

ABBREVIATIONS

AVE.	= AVENUE	PVC	= POLYVINYL CHLORIDE PIPE
B.A.	= BEARING AREA	R.C.E.	= REGISTERED CIVIL ENGINEER
B.O.	= BLOWOFF	RCP	= REINFORCED CONCRETE PIPE
B/W	= BOTH WAYS	RT	= RIGHT
C&G	= CURB & GUTTER	R/W	= RIGHT OF WAY
CU YD	= CUBIC YARD	SD	= STORM DRAIN
D.I.P.	= DUCTILE IRON PIPE	SQ	= SQUARE
ELY	= ELEVATION	ST.	= STREET
EX	= EXISTING	STL	= STEEL
INT	= INTERSECTION	S/W	= SIDEWALK
IRR	= IRRIGATION	USA	= UNDERGROUND SERVICE ALERT
LF	= LINEAR FEET	WLD	= WELD
MIN	= MINIMUM	W/	= WITH
M.P.	= MAP PAGE (ATLAS)		
NO.	= NUMBER		
NTS	= NOT TO SCALE		

UNDERGROUND SERVICE ALERT

CALL: TOLL FREE
1-800-227-2600
48 HOURS BEFORE YOU DIG

CITY OF RIVERSIDE
DEPARTMENT OF PUBLIC UTILITIES
WATER ENGINEERING DIVISION

Robert Saizuf 11/3/03
R.C.E. CD31424

MOORE-GRIFFITH BLOWOFF MODIFICATION
PLAN VIEW AND DETAIL

SCALE AS SHOWN	DRAWN KDM	CITY OF RIVERSIDE
DATE NOV. 2003	CHECKED KDM	DEPARTMENT OF PUBLIC UTILITIES
JOB NO. 704164	APPROVED	DRAWING NO. DS-704164
MAP PAGE: 10-8	DATE	DATE

W 05-704164
SHEET 1 OF 1

Sandy Caldwell - Well Water Back Wash

From: Rodney Cruze
To: Caldwell, Sandy
Date: 11/25/2003 8:34 AM
Subject: Well Water Back Wash

Sandy,

I took a few minutes last night to look over the data sheets you sent me on the well water blow down and the permit language. My opinion is that it's okay to allow them to discharge to the storm drain.

First and most importantly, our permit allows us to accept "Discharges from potable water line flushing and other potable water sources." Second, there only seems to be one pollutant of concern and that is Dibromochloropropane (DBCP). It exceeds the drinking water standard of .2 ug/L (measured at 1.3 ug/L). However since reach 3 of the Santa Ana River (the part we discharge to) is not designated as a drinking water supply and the fact that DBCP may be broken down by sunlight before it is percolated lower in the watershed as well as the relatively small volume, it probably does not represent a significant threat to the watershed. I would allow the Water Dept. to hook up to the storm drain to reduce the nuisance caused by their actions but put them on notice that if the Regional Board should find it necessary to regulate DBCP in the upper watershed in the future to protect ground water recharge, they may be required to modify their operations.

Got to Go.
Rod

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Rod Cruze	Sandy Caldwell
COMPANY:	DATE:
Sewerage Division	11/24/03
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
687-6978	6
PHONE NUMBER:	
351-6011	
RE:	
Water Quality Tests	

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Please review the attached reports as we discussed. Thank you for the help.

CLINICAL LABORATORY OF SAN BERNARDINO INC.
 21881 BARTON ROAD
 GRAND TERRACE, CA 92313
 ORGANIC CHEMICAL ANALYSIS (9/99)

EDT

Date of Report: 03/11/10

Sample ID No. R39246X-2A

Laboratory

Signature Lab

Name: CLINICAL LABORATORIES OF SAN BERNARDINO

Director:

Name of Sampler: M MONTENEGRO

Employed By: CITY

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 03/11/04/1605

Received @ Lab: 03/11/04/1630

Completed: 03/11/08

System

System

Name: RIVERSIDE, CITY OF

Number: 3310031

Name or Number of Sample Source: MOORE GRIFFITH - INACTIVE

* User ID: WAT

Station Number: 3310031-067

* Date/Time of Sample: |03|11|04|1605|

Laboratory Code: 3761

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |03|11|08|

* Submitted by:

Phone #:

Page 1 of 2

REGULATED ORGANIC CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
502.2	Bromodichloromethane	32101	2.0		0.50
502.2	Bromoform	32104	ND		0.50
502.2	Chloroform (Trichloromethane)	32106	3.2		0.50
502.2	Dibromochloromethane	32105	0.65		0.50
502.2	Total Trihalomethanes (THM'S/ TTHM)	82080	5.9	100	0.50
502.2	Benzene	34030	ND	1	0.50
502.2	Carbon Tetrachloride	32102	ND	.5	0.50
502.2	1,2-Dichlorobenzene (o-DCB)	34536	ND	600	0.50
502.2	1,4-Dichlorobenzene (p-DCB)	34571	ND	5	0.50
502.2	1,1-Dichloroethane (1,1-DCA)	34496	ND	5	0.50
502.2	1,2-Dichloroethane (1,2-DCA)	34531	ND	.5	0.50
502.2	1,1-Dichloroethylene (1,1-DCE)	34501	ND	6	0.50
502.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	77093	ND	6	0.50
502.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	34546	ND	10	0.50
502.2	Dichloromethane (Methylene Chloride)	34423	ND	5	0.50
502.2	1,2-Dichloropropane	34541	ND	5	0.50
502.2	Total 1,3-Dichloropropene	34561	ND	.5	0.50
502.2	Ethyl Benzene	34371	ND	700	0.50
502.2	Methyl tert-Butyl Ether (MTBE)	46491	ND	5	3.0
502.2	Monochlorobenzene (Chlorobenzene)	34301	ND	70	0.50
502.2	Styrene	77128	ND	100	0.50
502.2	1,1,2,2-Tetrachloroethane	34516	ND	1	0.50
502.2	Tetrachloroethylene (PCE)	34475	ND	5	0.50
502.2	Toluene	34010	ND	150	0.50
502.2	1,2,4-Trichlorobenzene	34551	ND	70	0.50
502.2	1,1,1-Trichloroethane (1,1,1-TCA)	34506	ND	200	0.50
502.2	1,1,2-Trichloroethane (1,1,2-TCA)	34511	ND	5	0.50
502.2	Trichloroethylene (TCE)	39180	ND	5	0.50
502.2	Trichlorofluoromethane (FREON 11)	34488	ND	150	5.0

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
502.2	Trichlorotrifluoroethane (FREON 113)	81611	ND	1200	10
502.2	Vinyl Chloride (VC)	39175	ND	.5	0.50
502.2	m,p-Xylene	A-014	ND		0.50
502.2	o-Xylene	77135	ND		0.50
502.2	Total Xylenes (m,p, & o)	81551	ND	1750	0.50

UNREGULATED ORGANIC CHEMICALS

502.2	tert-Amyl Methyl Ether (TAME)	A-034	ND		3.0
502.2	Bromobenzene	81555	ND		0.50
502.2	Bromochloromethane	A-012	ND		0.50
502.2	Bromomethane (Methyl Bromide)	34413	ND		0.50
502.2	tert-Butyl Alcohol (TBA)	77035	ND		2.0
502.2	n-Butylbenzene	A-010	ND		0.50
502.2	sec-Butylbenzene	77350	ND		0.50
502.2	tert-Butylbenzene	77353	ND		0.50
502.2	Chloroethane	34311	ND		0.50
502.2	Chloromethane (Methyl Chloride)	34418	ND		0.50
502.2	2-Chlorotoluene	A-008	ND		0.50
502.2	4-Chlorotoluene	A-009	ND		0.50
502.2	Dibromomethane	77596	ND		0.50
502.2	1,3-Dichlorobenzene (m-DCB)	34566	ND		0.50
502.2	Dichlorodifluoromethane	34668	ND		0.50
502.2	1,3-Dichloropropane	77173	ND		0.50
502.2	2,2-Dichloropropane	77170	ND		0.50
502.2	1,1-Dichloropropene	77168	ND		0.50
502.2	Ethyl tert-Butyl Ether (ETBE)	A-033	ND		3.0
502.2	Hexachlorobutadiene	34391	ND		0.50
502.2	Isopropylbenzene (Cumene)	77223	ND		0.50
502.2	p-Isopropyltoluene	A-011	ND		0.50
502.2	Naphthalene	34696	ND		0.50
502.2	n-Propylbenzene	77224	ND		0.50
502.2	1,1,1,2-Tetrachloroethane	77562	ND		0.50
502.2	1,2,3-Trichlorobenzene	77613	ND		0.50
502.2	1,2,4-Trimethylbenzene	77222	ND		0.50
502.2	1,3,5-Trimethylbenzene	77226	ND		0.50

CLINICAL LABORATORY OF SAN BERNARDINO INC.

EDT

21881 BARTON ROAD

GRAND TERRACE, CA 92313

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 03/11/07

Sample ID No. R39244-2A

Laboratory

Signature Lab

Name: CLINICAL LABORATORIES OF SAN BERNARDINO

Director: *[Signature]*

Name of Sampler: M MONTENEGRO

Employed By: CITY

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 03/11/04/1605

Received @ Lab: 03/11/04/1630

Completed: 03/11/07

System

System

Name: RIVERSIDE, CITY OF

Number: 3310031

Name or Number of Sample Source: MOORE GRIFFITH - INACTIVE

* User ID: WAT

Station Number: 3310031-067 *

* Date/Time of Sample: |03|11|04|1605|

Laboratory Code: 3761 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |03|11|07| *

* Submitted by: _____

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Hardness (as CaCO3) (mg/L)	00900		2.0
mg/L	Calcium (Ca) (mg/L)	00916		1.0
mg/L	Magnesium (Mg) (mg/L)	00927		1.0
mg/L	Sodium (Na) (mg/L)	00929		1.0
mg/L	Potassium (K) (mg/L)	00937		1.0

| Total Cations Meq/L Value: 0.00 |

mg/L	Total Alkalinity (as CaCO3) (mg/L)	00410		1.0
mg/L	Hydroxide (OH) (mg/L)	71830		1.0
mg/L	Carbonate (CO3) (mg/L)	00445		1.0
mg/L	Bicarbonate (HCO3) (mg/L)	00440		1.0
* mg/L+	Sulfate (SO4) (mg/L)	00945		0.50
* mg/L+	Chloride (Cl) (mg/L)	00940		1.0
45 mg/L	Nitrate (as NO3) (mg/L)	71850	39	2.0
** mg/L	Fluoride (F) Temp. Depend. (mg/L)	00951		0.10

| Total Anions Meq/L Value: 0.63 |

Std.Units+	PH (Laboratory) (Std.Units)	00403		
*** umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		10
**** mg/L+	Total Filterable Residue@180C (TDS) (mg/L)	70300		1.0
Units	Apparent Color (Unfiltered) (Units)	00081		3
TON	Odor Threshold at 60 C (TON)	00086		1
NTU	Lab Turbidity (NTU)	82079		0.1
0.5 mg/L+	MBAS (mg/L)	38260		10.020

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
ug/L		Perchlorate (ug/L)	A-031	5.2	4.0

+ Indicates Secondary Drinking Water Standards

RIVERSIDE



TRANSMITTAL RECORD

DATE: November 3, 2003

TO: City of Riverside
Public Works

ATTENTION: Mark Brown

SUBJECT: Encroachment permit

TRANSMITTED: Moore-Griffith Blowoff Modification Plan
Copy of NPDES Permit

COMMENTS: Please prepare and route an encroachment permit to allow us to
connect into the 48" storm drain in Columbia Avenue.
It is just a matter of notification and reporting allowed under our
NPDES permit to discharge into the storm drain. Owen Lu in
Water Operations will take care of that.

BY: *Kevin D. Munns*
 Kevin D. Munns
 Associate Water Engineer

RECEIVED
 NOV 04 2003
 DEPT. OF
PUBLIC WORKS



California Regional Water Quality Control Board

Santa Ana Region



Winston H. Hickox
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb8>
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (909) 782-4130 - FAX (909) 781-6288

Gray Davis
Governor

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov/rwqcb8.*

October 9, 2003

Dan W. Randall
City of Riverside, Public Utilities Department
Water Production & Operations Division
2911 Adams Street
Riverside, CA 92504

**WASTE DISCHARGE REQUIREMENTS, ORDER NO. R8-2003-0061, NPDES NO. CAG998001
(DE MINIMUS DISCHARGES), CITY OF RIVERSIDE PUBLIC UTILITIES DIVISION,
RIVERSIDE, RIVERSIDE COUNTY**

Dear Mr. Randall:

On September 29, 2003, you submitted a Notice of Intent to discharge water at various locations under the terms and conditions of the Regional Board's general permit, Order No. R8-2003-0061.

Effective immediately, you are authorized to discharge wastewater from this project under the terms and conditions of Order No. R8-2003-0061. Enclosed is Monitoring and Reporting Program No. R8-2003-0061-037, which specifies the frequency of sampling and the constituents to be monitored. Please note that modifications to the sampling frequency and constituents to be monitored can be considered on a case-by-case basis.

Riverside County Flood Control District has requested that we have dischargers in Riverside County call Steve Stump at (909) 955-1273 regarding local agency requirements for this discharge

Order No. R8-2003-0061 will expire on August 1, 2008. If you wish to terminate coverage under this general permit prior to that time, please notify us immediately upon project completion so that we can rescind your authorization and avoid billing you an annual fee. If you have any questions regarding the permit or the monitoring and reporting program, please contact Najah Amin at (909) 320-6362.

Sincerely,

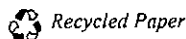
for Gerard J. Thibeault
Executive Officer

Enclosures (2): Monitoring and Reporting Program No. R8-2003-0061-037

cc w/o enc: US EPA Permits Issuance Section (WTR-5) - Doug Eberhardt
State Water Resources Control Board, Division of Water Quality - Jim Maughan
Riverside County Flood Control District - Steve Stump

JIS/Riverside

California Environmental Protection Agency



California Regional Water Quality Control Board
Santa Ana Region

GENERAL WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO SURFACE
WATERS THAT POSE AN INSIGNIFICANT (DE MINIMUS) THREAT TO WATER
QUALITY

Monitoring and Reporting Program No. R8-2003-0061-037
NPDES No. CAG998001
for

City of Riverside
Riverside County

A. MONITORING AND REPORTING REQUIREMENTS

Monitoring and reporting shall be in accordance with the following:

1. All monitoring reports, or information submitted to the Regional Board shall be signed and certified in accordance with 40 CFR 122.22.
2. All laboratory analyses shall be performed in accordance with test procedures under 40 CFR 136 (revised as of May 14, 1999) "Guidelines Establishing Test Procedures for the Analysis of Pollutants," promulgated by the United States Environmental Protection Agency (EPA), unless otherwise specified in this monitoring and reporting program (M&RP). In addition, the Regional Board and/or EPA, at their discretion, may specify test methods that are more sensitive than those specified in 40 CFR 136. Unless otherwise specified herein, organic pollutants shall be analyzed using EPA method 8260, as appropriate, and results shall be reported with ML or PQL and MDL.
3. Chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services or EPA or at laboratories approved by the Executive Officer of the Regional Board.
4. All analytical data shall be reported with method detection limits (MDLs) and with identification of either practical quantitation levels (PQLs) or limits of quantitation (LOQs).
5. Whenever the discharger monitors any pollutant more frequently than is required by this general permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharge monitoring report specified by the Executive Officer.

6. The discharger shall deliver a copy of each monitoring report in the appropriate format to:

California Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Suite 500
Riverside, CA 92501-3348

7. The discharger may request a reduction in the constituents to be monitored and/or a reduction in monitoring frequency for a specific constituent(s) subject to the approval of the Executive Officer when the conditions stipulated in Provisions E.7. of this general permit are met.
8. The discharger shall assure that records of all monitoring information are maintained and accessible for a period of at least five years from the date of the sample, report, or application. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or by the request of the Board at any time. Records of monitoring information shall include:
- a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling, and/or measurements;
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or methods used, including any modification to those methods;
 - f. All sampling and analytical results, including
 - 1) Units of measurement used;
 - 2) Minimum reporting limit for the analysis (minimum level, practical quantitation level (PQL));
 - 3) Results less than the reporting limit but above the method detection limit (MDL);
 - 4) Data qualifiers and a description of the qualifiers;
 - 5) Quality control test results (and a written copy of the laboratory quality assurance plan);
 - 6) Dilution factors, if used; and
 - 7) Sample matrix type; and;
 - g. All monitoring equipment calibration and maintenance records;
 - h. All original strip charts from continuous monitoring devices;
 - i. All data used to complete the application for this general permit; and,
 - j. Copies of all reports required by this general permit.
9. Weekly samples shall be collected on a representative day of each week.

B. EFFLUENT MONITORING

1. A sampling station shall be established for the point of discharge where representative samples of the discharge can be obtained before the discharge mixes with the receiving waters.
2. The following shall constitute the effluent monitoring program:

Constituent	Type of Sample	Units	Minimum Frequency of Sampling and Analysis
Flow	-----	gpd	Daily
Oil and Grease	Grab	mg/l	During the first 30 minutes of each discharge and then weekly thereafter for continuous discharges
Total Residual Chlorine ^{1,2}	"	"	"
Total Suspended Solids ²	"	"	"
Total Dissolved Solids ²	"	"	Annually
Total Inorganic Nitrogen	"	"	Annually
Total Petroleum Hydrocarbons	Grab	µg/l	During the first 30 minutes of each discharge and then weekly thereafter for continuous discharges

C. REPORTING

1. Five days prior to any discharge from locations already reported, the discharger shall notify the Regional Board staff by phone or by a fax letter indicating the date and time of the proposed discharge.
2. Five days prior to any planned discharge³ from locations not yet reported, the discharger shall notify the Regional Board staff by phone or by a fax letter indicating the following:
 - 1) Specific type of the proposed wastewater discharge (see listing on Finding 1 of the Order);
 - 2) The estimated average and maximum daily flow rates;
 - 3) The frequency and duration of the discharge;
 - 4) The affected receiving water(s);

1 Unless it is known that chlorine is not in the discharge.

2 Not applicable if all wastewater will percolate prior to reaching receiving waters.

3 For those unplanned discharges, as much prior notification as possible is required before any discharge is initiated.

