

EXHIBIT 22

WDH

RECEIVED

DEC 20 2007

RWQCB-CVR
FRESNO, CALIF.

California Regional Water Quality Control Board
Central Valley Region
1685 E Street
Fresno, CA 93706-2020

Attention: Mr. Dale Harvey, Senior Engineer

Subject: Malaga County Water District
Identifier BVV7-N2B, WDR No. 99-100 NPDES CA0084239
Telephone Number 559-485-7353

Dear Mr. Harvey:

Please find attached the monthly operations report for the Malaga County Water District for the month of November /Year 2007. The report includes the following subjects:

- 1) Influent Monitoring and Secondary Effluent Monitoring (monthly report)
- 2) Tertiary Effluent Monitoring (monthly report)
- 3) Evaporation/Percolation Pond Monitoring (monthly report)
- 4) Receiving Water Monitoring (monthly reports)
 - I. R-1 Receiving Water Upstream of Discharge
 - II. R-2 Receiving Water Downstream of Discharge.
- 5) Supporting Laboratory Documentation attached with this report.

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

Jerry Morales
Malaga Wastewater Treatment Plant Operator

12-19-07

MONITORING REPORT REVIEW
Date

Engineer *[Signature]*

Compliance Yes no

Date Reviewed 02/01/08

X JKW 2/21/08

Identifier: BU07-M2B
phone: (559) 448-2700

MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 99-100
NPDES NO. CA 0084239
INFLUENT & SECONDARY EFFLUENT MONITORING MONTHLY REPORT

Month : November Year: 2007

| DATE | TOTAL FLOW | | | INFLUENT CONSTITUENT | | | SECONDARY EFFLUENT CONSTITUENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|------------|----------|--------------|----------------------|---------|-----|--------------------------------|-----------------|--------|-----------------|-------|----------|----------------|---------|----|------------------|---------|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|----------------|-------|--------------------------|-------|--------------------------|-------|------------------------|-------|-----------------------|-----|---------------------------|-----|-----------------------------|-----|------------------------|-----|--|--|--|--|
| | DAY | FLOW MGD | MAX FLOW MGD | SS mfl/ weekly | DLR 0.1 | pH | DLR N/A | BOD mg/l weekly | DLR 10 | TSS mg/l weekly | DLR 5 | FLOW MGD | SS mfl/ weekly | DLR 0.1 | pH | DLR 6 to 9 range | DLR N/A | EC umhos/cm | DLR 1000 max Note 1 | BOD mg/l weekly | DLR 40 ave Note g | TSS mg/l weekly | DLR 40 ave Note g | DO mg/l weekly | DLR 4 | AMMONIA mg/(k) quarterly | DLR 1 | TCO MPN/100 ml quarterly | DLR 2 | NITRATE mg/l quarterly | DLR 2 | VOCs ug/(b) quarterly | DLR | Metals ug/l (c) quarterly | DLR | Pesticides ug/(d) quarterly | DLR | Minerals mg/l annually | DLR | | | | |
| 1 | th | 0.83 | 1.2 | | | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | l | 0.87 | | | | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | s | 0.8 | | | | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | s | 0.76 | | | | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | m | 0.81 | | | | 7.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | tu | 0.81 | | | | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | w | 0.82 | | 12 | | 7.4 | | 130 | 220 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | th | 0.84 | | | | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | l | 0.72 | | | | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | s | 0.67 | | | | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | s | 0.85 | | | | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | m | 0.72 | | | | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | tu | 0.74 | | 8 | | 7.3 | | 150 | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | w | 0.87 | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | th | 0.67 | | | | 7.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | f | 0.75 | | | | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | s | 0.73 | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | s | 0.65 | | | | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | m | 0.68 | | 11 | | 6.7 | | 400 | 160 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | tu | 0.72 | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | w | 0.68 | | | | 7.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | th | 0.64 | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | f | 0.62 | | | | 7.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | s | 0.69 | | | | 7.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | s | 0.7 | | | | 7.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | m | 0.76 | | | | 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | tu | 0.82 | | | | 7.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | w | 0.78 | | | | 6.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | th | 0.83 | | 8.7 | | 7.5 | | 180 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | l | 0.72 | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | l | 0.72 | | | | 7.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 22.38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAILY AVE | | 0.746 | | 9.9 | | 7.4 | | 215 | 187 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAILY MAX | | 0.87 | | 12 | | 7.8 | | 400 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEAN | | 0.87 | | 12 | | 7.8 | | 400 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Submitted by: *Dony Morales* Date: 12-19-07

NOTES: MONITORING IS DAILY UNLESS NOTED OTHERWISE
(a) Ammonia is reported as total nitrogen; (b) EPA series methods, in accordance with 40 CFR 136.3;
(c) see attached metals analyses; (d) see attached pesticides analyses, EPA Methods 606 & 608 or 625 in accordance with 40 CFR 136.3
(e) Daily maximum 1.0 mg/l, (f) or source water plus 500 umhos/cm, (g) Daily maximum 80 mg/l
(f) DLR: Detection Limit for Reporting

**MALAGA COUNTY WATER DISTRICT
WASTEWATER TREATMENT PLANT
MONITORING AND REPORTING PROGRAM NO. 99-100
EVAPORATION/PERCOLATION POND MONITORING MONTHLY REPORT**

Month: November / Year: 2007

| DATE | POND1 | | POND2 | | POND3 | | POND4 | | POND5 | | POND6 | | POND7 | | POND8 | |
|--------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| | DO mg/l | FRB ft |
| DISCHARGE LIMIT | 1.0 min. | 2 ft. min. |
| 1 | 8.1 | 3.25 | 8.6 | 1.58 | 7.8 | 1.16 | | | | | | | | | | |
| 2 | | | | | | | 3.6 | 1.3 | 8.8 | 1.3 | 5.8 | 1.5 | 6 | 1.3 | 6.4 | 1.41 |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | 1.8 | 3.4 | 6 | 1.5 | 9.8 | 1.08 | 8.8 | 1.25 | 8 | 1.25 | 5.6 | 1.5 | 6.2 | 1.16 | 9.4 | 1.33 |
| 10 | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | 4.2 | 3.25 | 6.6 | 1.58 | 12.2 | 1.08 | 10.8 | 1.25 | 8.2 | 1.16 | 9.6 | 1.5 | 1.2 | 1.16 | 12.6 | 1.33 |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |
| 21 | 4.5 | 3 | 7.3 | 1.58 | 9.6 | 1.16 | 5.9 | 1.25 | 6.6 | 1.41 | 5.6 | 1.58 | 2.9 | 1.25 | 8.7 | 1.33 |
| 22 | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | |
| 30 | 5.4 | 2.91 | 2 | 1.66 | 6 | 1.08 | 4.3 | 1.25 | 5.6 | 1.25 | 5.7 | 1.5 | 5 | 1.16 | 6.8 | 1.41 |
| 31 | | | | | | | | | | | | | | | | |

Pond Observations:

Submitted by: Jay Murals Date: 12-19-07

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO.99-100
 NPDES NO. CA 0084239
 EVAPORATION /PERCOLATION POND MONITORING MONTHLY REPORT

Month: November / Year: 2007

| | POND 1 | POND 2 | POND 3 | POND 4 | POND 5 | POND 6 | POND 7 | POND 8 |
|----------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| WEEK 1 | | | | | | | | |
| Weeds (Y, N) Locations | N | N | N | N | N | N | N | N |
| Surface Material(Y, N) Locations | N | N | N | N | N | N | N | N |
| Burrowing Animals (Y, N) | N | N | N | N | N | N | N | N |
| Insects (Y, N) | N | N | N | N | N | N | N | N |
| Color | light green | clear | light green |
| WEEK 2 | | | | | | | | |
| Weeds (Y, N) Locations | N | N | N | N | N | N | N | N |
| Surface Material(Y, N) Locations | N | N | N | N | N | N | N | N |
| Burrowing Animals (Y, N) | N | N | N | N | N | N | N | N |
| Insects (Y, N) | N | N | N | N | N | N | N | N |
| Color | light green | clear | light green |
| WEEK 3 | | | | | | | | |
| Weeds (Y, N) Locations | N | N | N | N | N | N | N | N |
| Surface Material(Y, N) Locations | N | N | N | N | N | N | N | N |
| Burrowing Animals (Y, N) | N | N | N | N | N | N | N | N |
| Insects (Y, N) | N | N | N | N | N | N | N | N |
| Color | light green | clear | light green |
| WEEK 4 | | | | | | | | |
| Weeds (Y, N) Locations | N | N | N | N | N | N | N | N |
| Surface Material(Y, N) Locations | N | N | N | N | N | N | N | N |
| Burrowing Animals (Y, N) | N | N | N | N | N | N | N | N |
| Insects (Y, N) | N | N | N | N | N | N | N | N |
| Color | light green | clear | light green |
| WEEK 5 | | | | | | | | |
| Weeds (Y, N) Locations | N | N | N | N | N | N | N | N |
| Surface Material(Y, N) Locations | N | N | N | N | N | N | N | N |
| Burrowing Animals (Y, N) | N | N | N | N | N | N | N | N |
| Insects (Y, N) | N | N | N | N | N | N | N | N |
| Color | light green |

Submitted by: *Jenny Madala* Date: *11-19-07* NOTE: Y=Yes
 N=No

Date : November / Year : 2007

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 99-100
 NPDES NO. CA 0084239
 RECEIVING WATER MONITORING MONTHLY REPORT

| DATE | DAY | TOTAL FLOW MGD | MAX FLOW MGD | pH | DUR | EC unrhos/cm | D.L.R. 1 deg F | DUR | TOTAL RES CL mg/l | D.L.R. 0.1 | DO mg/l | DUR | AMMONIA mg/l | D.L.R. 1 | Facial Col. MPN/100ml | D.L.R. 2 | NO3-N mg/l | D.L.R. 0.5 | TKN mg/l | D.L.R. 1 | TOTAL P mg/l | D.L.R. 1 | Turbidity NTU | D.L.R. 0.1 | Minerals mg/l annually | |
|-------|-----|----------------|--------------|----|-----|--------------|----------------|-----|-------------------|------------|---------|-----|--------------|----------|-----------------------|----------|------------|------------|----------|----------|--------------|----------|---------------|------------|------------------------|-----------------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | DISCHARGE LIMIT |
| 1 | th | 0 | | | | less than 60 | | | less than 0.1 | | Note a | | | | | | | | | | | | | | | |
| 2 | f | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | m | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | tu | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | w | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | th | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | f | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | m | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | tu | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | w | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | th | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | f | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | m | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | tu | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | w | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | th | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | f | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | s | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | m | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | tu | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | w | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | th | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | f | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 0 | | | | | | | | | | | | | | | | | | | | | | | | |
| AVE | | | | | | | | | | | | | | | | | | | | | | | | | | |

Submitted by: *Jerry Morales*

Date: *12-19-07*

NOTES: 1. MONITORING IS DAILY UNLESS NOTED OTHERWISE
 2. STATION R1 - 500 FT UPSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL
 3. STATION R2- 500 FT DNSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL

(a) The discharge of effluent shall not cause the D. O. to fall below 5.0 mg/l

Date : November / Year : 2007

MALAGA COUNTY WATER DISTRICT
 WASTEWATER TREATMENT PLANT
 MONITORING AND REPORTING PROGRAM NO. 99-100
 NPDES NO. CA 0084239
 RECEIVING WATER MONITORING MONTHLY REPORT

| DATE | DAY | TOTAL FLOW MGD | MAX FLOW MGD | pH | DLR | EC umhos/cm | DLR | TEMP deg F | DLR | TOTAL RES CL mg/l | DLR | DO mg/l | DLR | AMMONIA mg/l | DLR | Fecal Col. MPN/100 ml | DLR | NO3-N mg/l | DLR | TKN mg/l | DLR | TOTAL P mg/l | DLR | Turbidity NTU | DLR | Minerals mg/l annually | | |
|-------|-----|----------------|--------------|-----|-----|-------------|-----|------------|-----|-------------------|-----|---------|-----|--------------|-----|-----------------------|-----|------------|-----|----------|-----|--------------|-----|---------------|-----|------------------------|-----|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 1 | th | 0.35 | | 7.8 | | 825 | | 78 | | less than | 0.1 | 9.3 | | | | | | | | | | | | | | | | |
| 2 | f | 0.35 | | 7.3 | | 810 | | 71 | | less than | 0.1 | | | | | 80 | | | | | | | | | | | | |
| 3 | s | 0.35 | | 7.6 | | 761 | | 70 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 4 | s | 0.35 | | 7.2 | | 750 | | 72 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 5 | m | 0.35 | | 7.6 | | 790 | | 75 | | less than | 0.1 | | | less than | 1 | | | | | | | | | | | | | |
| 6 | tu | 0.35 | | 7.5 | | 780 | | 72 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 7 | w | 0.35 | | 7.1 | | 794 | | 75 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 8 | th | 0.35 | | 7 | | 870 | | 71 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 9 | f | 0.35 | | 7 | | 868 | | 73 | | less than | 0.1 | 8.3 | | | | 4 | | | | | | | | | | | | |
| 10 | s | 0.35 | | 7 | | 770 | | 68 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 11 | s | 0.35 | | 7 | | 747 | | 69 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 12 | m | 0.35 | | 7 | | 750 | | 68 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 13 | tu | 0.35 | | 7.9 | | 823 | | 72 | | less than | 0.1 | | | less than | 1 | | | | | | | | | | | | | |
| 14 | w | 0.35 | | 7.2 | | 780 | | 71 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 15 | th | 0.311 | | 7.4 | | 781 | | 75 | | less than | 0.1 | 8.2 | | | | | | | | | | | | | | | | |
| 16 | f | 0.35 | | 7.7 | | 860 | | 72 | | less than | 0.1 | | | | | 23 | | | | | | | | | | | | |
| 17 | s | 0.35 | | 7.1 | | 879 | | 69 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 18 | s | 0.35 | | 7.3 | | 795 | | 66 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 19 | m | 0.347 | | 8 | | 780 | | 69 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 20 | tu | 0.35 | | 7.7 | | 782 | | 62 | | less than | 0.1 | | | | | <2 | | | | | | | | | | | | |
| 21 | w | 0.343 | | 7.5 | | 753 | | 69 | | less than | 0.1 | 8.2 | | | | | | | | | | | | | | | | |
| 22 | th | 0.347 | | 9 | | 1000 | | 50 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 23 | f | 0.346 | | 7.2 | | 780 | | 65 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 24 | s | 0.347 | | 7.9 | | 1000 | | 52 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 25 | s | 0.346 | | 9 | | 1020 | | 55 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 26 | m | 0.35 | | 8.1 | | 885 | | 61 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 27 | tu | 0.345 | | 7.7 | | 820 | | 57 | | less than | 0.1 | | | less than | 1 | | | | | | | | | | | | | |
| 28 | w | 0.348 | | 7.7 | | 800 | | 67 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 29 | th | 0.346 | | 7.4 | | 830 | | 58 | | less than | 0.1 | | | | | | | | | | | | | | | | | |
| 30 | f | 0.345 | | 8.8 | | 960 | | 48 | | less than | 0.1 | 12 | | | | 8 | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | 10.42 | | 7.5 | | 826 | | 66 | | less than | 0.1 | 9.2 | | 0.25 | | 23 | | | | | | | 3.9 | | | | 2.7 | |

Submitted by: *Jerry Morales* Date: *12-19-07*

NOTES: 1. MONITORING IS DAILY UNLESS NOTED OTHERWISE
 2. STATION R1 - 500 FT UPSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL
 3. STATION R2 - 500 FT DNSTREAM OF THE POINT OF DISCHARGE INTO THE FID CANAL.
 (a) The discharge of effluent shall not cause the D. O. to fall below 5.0 mg/l



Laboratory Work Order #: 7K02015

2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

| | | |
|--|---|----------------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Report Date: 11/08/2007 |
|--|---|----------------------------|

Analytical Report for Microbiologicals

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|

| | | | | | | | | |
|-------------------------------------|--------------------------|--|------------|---|---------|----------|----------|-------------|
| Tertiary Effluent | | Laboratory ID#: 7K02015-01 (Waste Water) Date Received: 11/2/07 13:15 | | | | | | |
| Date Sampled: 11/2/07 9:30 | Sampled By: Tony Morales | | | | | | | |
| Total Coliforms | <2 | 2.0 | MPN/100 mL | 1 | T7K0226 | 11/02/07 | 11/04/07 | SM9221B/E/F |
| Tertiary Effluent Station R2 | | Laboratory ID#: 7K02015-02 (Waste Water) Date Received: 11/2/07 13:15 | | | | | | |
| Date Sampled: 11/2/07 10:45 | Sampled By: Tony Morales | | | | | | | |
| Fecal Coliforms | 80 | 2.0 | MPN/100 mL | 1 | T7K0227 | 11/02/07 | 11/03/07 | SM9221B/E/F |

Notes and Definitions

_3x5 < 2

ND Analyte NOT DETECTED at or above the reporting limit
 NR Not Reported

MPN Most Probable Number mg/L milligrams/Liter (ppm)
 CFU Colony Forming Units ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J Boquist Director of Analytical Chemistry

Jim Brownfield Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

November 08, 2007

Work Order #: 7K05026

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/05/07. For your reference, these analyses have been assigned laboratory work order number 7K05026.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

| | | |
|---|---|----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/8/07 |
|---|---|----------------------|

Analytical Report for Work Order 7K05026

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|--------------------------------------|--------|-----------------|---|----------|---------|----------|----------|-----------|
| Final Effluent | | | Sampled: 11/04/07 15:00 7K05026-01 (Waste Water) | | | | | |
| Specific Conductance (EC) | 790 | 1.0 | µS/cm | 1 | T7K0610 | 11/05/07 | 11/05/07 | EPA 120.1 |
| Tertiary Effluent | | | Sampled: 11/04/07 15:00 7K05026-02 (Waste Water) | | | | | |
| Specific Conductance (EC) | 750 | 1.0 | µS/cm | 1 | T7K0610 | 11/05/07 | 11/05/07 | EPA 120.1 |
| Tertiary Effluent Station R-2 | | | Sampled: 11/04/07 15:30 7K05026-03 (Waste Water) | | | | | |
| Specific Conductance (EC) | 750 | 1.0 | µS/cm | 1 | T7K0610 | 11/05/07 | 11/05/07 | EPA 120.1 |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 James H. Brownfield, Quality Assurance Manager

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California ELAP Certificate #1371

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(559) 268-0740 Fax

November 15, 2007

Work Order #: 7K05025

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/05/07 . For your reference, these analyses have been assigned laboratory work order number 7K05025.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
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(559) 268-7021 Phone
(559) 268-0740 Fax

Malaga County Water District
3580 S. Frank
Fresno CA, 93725

Project: Malaga Sewer Plant
Project Number: Analytical Services
Project Manager: Tony Morales

Reported:
11/15/07

Analytical Report for Work Order 7K05025

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | |
|---------------------------|--------|-----------------|---------|----------|-------------------------|----------|--------------------------|-----------|--|
| | | | | | Sampled: 11/05/07 09:00 | | 7K05025-01 (Waste Water) | | |
| Tertiary Effluent | | | | | | | | | |
| Nitrate as Nitrogen | 12 | 1.4 | mg/L | 3 | [CALC] | 11/07/07 | 11/07/07 | [CALC] | |
| Nitrite as Nitrogen | ND | 0.91 | mg/L | 3 | [CALC] | 11/07/07 | 11/07/07 | [CALC] | |
| Total Nitrogen | 14 | 3.3 | mg/L | 3 | [CALC] | 11/07/07 | 11/08/07 | [CALC] | |
| Total Suspended Solids | 4.2 | 4.0 | mg/L | 1 | T7K0607 | 11/06/07 | 11/08/07 | EPA 160.2 | |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K0714 | 11/07/07 | 11/07/07 | EPA 160.5 | |
| Nitrite as NO2 | ND | 3.0 | mg/L | 3 | T7K0717 | 11/07/07 | 11/07/07 | EPA 300.0 | |
| Nitrate as NO3 | 52 | 6.0 | mg/L | 3 | T7K0717 | 11/07/07 | 11/07/07 | EPA 300.0 | |
| Ammonia as N | ND | 1.0 | mg/L | 1 | T7K1208 | 11/12/07 | 11/13/07 | EPA 350.1 | |
| Total Kjeldahl Nitrogen | 2.8 | 1.0 | mg/L | 1 | T7K0709 | 11/07/07 | 11/08/07 | EPA 351.2 | |
| Phosphorus | 2.8 | 0.10 | mg/L | 1 | T7K0709 | 11/07/07 | 11/09/07 | EPA 365.4 | |
| Biochemical Oxygen Demand | ND | 1.0 | mg/L | 1 | T7K0713 | 11/07/07 | 11/12/07 | SMS210B | |

Notes and Definitions

| | |
|-------|---|
| DUP | A high RPD was observed between a sample and this sample's duplicate. |
| ug/L | micrograms per liter (parts per billion concentration units) |
| mg/L | milligrams per liter (parts per million concentration units) |
| mg/kg | milligrams per kilogram (parts per million concentration units) |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. Brownfield, Quality Assurance Manager

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(559) 268-7021 Phone
(559) 268-0740 Fax

November 16, 2007

Work Order #: 7K06023

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/06/07 . For your reference, these analyses have been assigned laboratory work order number 7K06023.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/16/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K06023

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|--------------------------------------|--------|-----------------|-------------------------|----------|-----------------------------------|----------|----------|-----------|
| Final Effluent | | | Sampled: 11/06/07 07:00 | | 7K06023-01 (Waste Water) | | | |
| Specific Conductance (EC) | 720 | 1.0 | µS/cm | 1 | T7K0611 | 11/06/07 | 11/06/07 | EPA 120.1 |
| Tertiary Effluent | | | Sampled: 11/06/07 07:00 | | 7K06023-02 (Waste Water) | | | |
| Specific Conductance (EC) | 760 | 1.0 | µS/cm | 1 | T7K0611 | 11/06/07 | 11/06/07 | EPA 120.1 |
| Tertiary Effluent Station R-2 | | | Sampled: 11/06/07 11:30 | | 7K06023-03 (Surface Water) | | | |
| Specific Conductance (EC) | 780 | 1.0 | µS/cm | 1 | T7K0611 | 11/06/07 | 11/06/07 | EPA 120.1 |

Notes and Definitions

- µg/l. micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
Ronald J. Boquist, Director of Analytical Chemistry
James H. Brownfield, Quality Assurance Manager

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California ELAP Certificate #1371

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November 21, 2007

Work Order #: 7K06022

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/06/07 . For your reference, these analyses have been assigned laboratory work order number 7K06022.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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Fresno, CA 93721
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(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/21/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K06022

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | |
|---|--------|-----------------|-------------------------|----------|---------|---------------------------------|----------|-----------|--|
| Tertiary Effluent Station R-2 (filtered) | | | Sampled: 11/05/07 14:00 | | | 7K06022-01 (Waste Water) | | | |
| Nitrate as Nitrogen | 12 | 0.90 | mg/L | 2 | [CALC] | 11/12/07 | 11/12/07 | EPA 300.0 | |
| Nitrate as NO3 | 52 | HD | 4.0 | mg/L | 2 | T7K1204 | 11/12/07 | EPA 300.0 | |
| Ammonia as N | ND | 1.0 | mg/L | 1 | T7K1403 | 11/14/07 | 11/15/07 | EPA 350.1 | |
| Total Kjeldahl Nitrogen | 2.8 | 1.0 | mg/L | 1 | T7K0709 | 11/07/07 | 11/08/07 | EPA 351.2 | |
| Phosphorus | 3.0 | 0.10 | mg/L | 1 | T7K0709 | 11/07/07 | 11/09/07 | EPA 365.4 | |

Notes and Definitions

- HD Sample was originally analyzed within the EPA recommended holding time. However, it was reanalyzed with a dilution to confirm the result due to a high concentration of the target parameter.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. Brownfield, Quality Assurance Manager

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November 14, 2007

Work Order #: 7K08011

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/08/07 . For your reference, these analyses have been assigned laboratory work order number 7K08011.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/14/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K08011

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------------------------|--------|-----------------|---|----------|---------|----------|----------|-------------|
| Raw Wastewater | | | Sampled: 11/07/07 09:00 7K08011-01 (Waste Water) | | | | | |
| Total Suspended Solids | 220 | 40 | mg/L | 10 | T7K0912 | 11/09/07 | 11/10/07 | EPA 160.2 |
| Total Settleable Solids | 12 | 0.10 | mL/L/Hr | 1 | T7K0916 | 11/09/07 | 11/09/07 | EPA 160.5 |
| Biochemical Oxygen Demand | 130 | 30 | mg/L | 30 | T7K0805 | 11/08/07 | 11/13/07 | SM5210B |
| Final Effluent | | | Sampled: 11/07/07 16:00 7K08011-02 (Waste Water) | | | | | |
| Total Suspended Solids | ND | 4.0 | mg/L | 1 | T7K0912 | 11/09/07 | 11/10/07 | EPA 160.2 |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K0916 | 11/09/07 | 11/09/07 | EPA 160.5 |
| Biochemical Oxygen Demand | ND | 1.0 | mg/L | 1 | T7K0805 | 11/08/07 | 11/13/07 | SM5210B |
| Tertiary Effluent | | | Sampled: 11/08/07 08:25 7K08011-03 (Waste Water) | | | | | |
| Total Coliforms | < 2 | 2.0 | MPN/100 mL | 1 | T7K0903 | 11/08/07 | 11/10/07 | SM9221B/E/F |

Notes and Definitions

| | |
|-------|---|
| DUP | A high RPD was observed between a sample and this sample's duplicate. |
| _3x5 | < 2 |
| ug/L | micrograms per liter (parts per billion concentration units) |
| mg/L | milligrams per liter (parts per million concentration units) |
| mg/kg | milligrams per kilogram (parts per million concentration units) |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. Brownfield, Quality Assurance Manager

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November 15, 2007

Work Order #: 7K09009

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/09/07 . For your reference, these analyses have been assigned laboratory work order number 7K09009.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/15/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K09009

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------------------------------|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Tertiary Effluent | | | Sampled: 11/07/07 17:00 | | 7K09009-01 (Waste Water) | | | |
| Turbidity | 0.85 | 0.020 | NTU | 1 | T7K0913 | 11/09/07 | 11/09/07 | EPA 180.1 |
| Tertiary Effluent Station R2 | | | Sampled: 11/08/07 09:30 | | 7K09009-02 (Waste Water) | | | |
| Turbidity | 2.2 | 0.020 | NTU | 1 | T7K0913 | 11/09/07 | 11/09/07 | EPA 180.1 |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
Ronald J. Boquist, Director of Analytical Chemistry
James H. Brownfield, Quality Assurance Manager

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Laboratory Work Order #: 7K09011

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| | | |
|--|---|----------------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Report Date: 11/14/2007 |
|--|---|----------------------------|

Analytical Report for Microbiologicals

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|

Tertiary Effluent Station R2

Laboratory ID#: 7K09011-01 (Waste Water)

Date Sampled: 11/9/07 11:00

Sampled By: Tony Morales

Date Received: 11/9/07 13:41

| | | | | | | | | |
|-----------------|-----|-----|------------|---|---------|----------|----------|-------------|
| Fecal Coliforms | 4.0 | 2.0 | MPN/100 mL | 1 | T7K0904 | 11/09/07 | 11/10/07 | SM9221B/E/F |
|-----------------|-----|-----|------------|---|---------|----------|----------|-------------|

Notes and Definitions

| | | |
|---|--------------------------|-----------------------------|
| ND Analyte NOT DETECTED at or above the reporting limit | MPN Most Probable Number | mg/L milligrams/Liter (ppm) |
| NR Not Reported | CFU Colony Forming Units | ug/L micrograms/Liter (ppb) |

Moore Twining Associates, Inc.

Ronald J. Boquist Director of Analytical Chemistry

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Jim Brownfield Quality Assurance Manager



California ELAP Certificate #1371

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(559) 268-0740 Fax

November 27, 2007

Work Order #: 7K13013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/13/07. For your reference, these analyses have been assigned laboratory work order number 7K13013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/27/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K13013

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|----------------------------|--------|-----------------|---------|----------|---------|---|----------|-----------|
| Tertiary Effluent | | | | | | Sampled: 11/13/07 12:00 7K13013-01 (Waste Water) | | |
| Nitrate as Nitrogen | 11 | 1.4 | mg/L | 3 | [CALC] | 11/15/07 | 11/14/07 | [CALC] |
| Nitrite as Nitrogen | 3.6 | 0.30 | mg/L | 1 | [CALC] | 11/15/07 | 11/13/07 | [CALC] |
| Total Nitrogen | 17 | 2.7 | mg/L | 3 | [CALC] | 11/15/07 | 11/16/07 | [CALC] |
| Specific Conductance (EC) | 810 | 1.0 | µS/cm | 1 | T7K1414 | 11/14/07 | 11/14/07 | EPA 120.1 |
| Total Suspended Solids | 6.8 | 4.0 | mg/L | 1 | T7K1406 | 11/14/07 | 11/14/07 | EPA 160.2 |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K1416 | 11/14/07 | 11/14/07 | EPA 160.5 |
| Nitrate as Nitrogen | 11 | 1.4 | mg/L | 3 | [CALC] | 11/14/07 | 11/14/07 | EPA 300.0 |
| Nitrite as NO ₂ | 12 | 1.0 | mg/L | 1 | T7K1313 | 11/13/07 | 11/13/07 | EPA 300.0 |
| Nitrate as NO ₃ | 48 | 6.0 | mg/L | 3 | T7K1404 | 11/14/07 | 11/14/07 | EPA 300.0 |
| Ammonia as N | 1.0 | 1.0 | mg/L | 1 | T7K1906 | 11/19/07 | 11/20/07 | EPA 350.1 |
| Total Kjeldahl Nitrogen | 2.9 | 1.0 | mg/L | 1 | T7K1507 | 11/15/07 | 11/16/07 | EPA 351.2 |
| Phosphorus | 5.2 | 0.10 | mg/L | 1 | T7K1507 | 11/15/07 | 11/16/07 | EPA 365.4 |
| Biochemical Oxygen Demand | 6.1 | 1.0 | mg/L | 1 | T7K1502 | 11/14/07 | 11/19/07 | SM5210B |

Notes and Definitions

- ng/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

November 20, 2007

Work Order #: 7K14015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/14/07. For your reference, these analyses have been assigned laboratory work order number 7K14015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist', is written over a horizontal line.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/20/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K14015

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Final Effluent | | | Sampled: 11/14/07 08:00 | | 7K14015-01 (Waste Water) | | | |
| Specific Conductance (EC) | 740 | 1.0 | µS/cm | 1 | T7K1414 | 11/14/07 | 11/14/07 | EPA 120.1 |
| Tertiary Effluent | | | Sampled: 11/14/07 08:00 | | 7K14015-02 (Waste Water) | | | |
| Specific Conductance (EC) | 790 | 1.0 | µS/cm | 1 | T7K1414 | 11/14/07 | 11/14/07 | EPA 120.1 |
| Tertiary Effluent Station R-2 (filtered) | | | Sampled: 11/14/07 09:30 | | 7K14015-03 (Waste Water) | | | |
| Specific Conductance (EC) | 780 | 1.0 | µS/cm | 1 | T7K1414 | 11/14/07 | 11/14/07 | EPA 120.1 |

Notes and Definitions

| | |
|-------|---|
| ug/L | micrograms per liter (parts per billion concentration units) |
| mg/L | milligrams per liter (parts per million concentration units) |
| mg/kg | milligrams per kilogram (parts per million concentration units) |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
James H. Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



Laboratory Work Order #: 7K16018

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|--|---|----------------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Report Date: 11/27/2007 |
|--|---|----------------------------|

Analytical Report for Microbiologicals

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|------------------------------|--------|-----------------|------------------------|----------|---------|--|----------|-------------|
| Tertiary Effluent | | | | | | | | |
| Date Sampled: 11/16/07 15:00 | | | Sampled By: Frank Cruz | | | Laboratory ID#: 7K16018-01 (Waste Water) | | |
| Total Coliforms | <2 | 2.0 | MPN/100 mL | 1 | T7K1616 | 11/16/07 | 11/18/07 | SM9221B/E/F |
| Date Sampled: 11/16/07 15:00 | | | Sampled By: Frank Cruz | | | Laboratory ID#: 7K16018-02 (Waste Water) | | |
| Tertiary Effluent R-2 | | | | | | | | |
| Fecal Coliforms | 23 | 2.0 | MPN/100 mL | 1 | T7K1616 | 11/16/07 | 11/19/07 | SM9221B/E/F |

Notes and Definitions

3x5 <2

ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported

MPN Most Probable Number mg/L milligrams/Liter (ppm)
CFU Colony Forming Units ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry

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Jim Brownfield, Quality Assurance Manager



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(559) 268-0740 Fax

November 21, 2007

Work Order #: 7K14013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/14/07 . For your reference, these analyses have been assigned laboratory work order number 7K14013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/21/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K14013

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---|--------|-----------------|------------------------|----------|---------------------------------|----------|----------|-----------|
| Tertiary Effluent | | | Sampled:11/13/07 13:00 | | 7K14013-01 (Waste Water) | | | |
| Turbidity | 1.4 | 0.020 | NTU | 1 | T7K1510 | 11/15/07 | 11/15/07 | EPA 180.1 |
| Tertiary Effluent Station R-2 (filtered) | | | Sampled:11/13/07 14:00 | | 7K14013-02 (Waste Water) | | | |
| Turbidity | 2.8 | 0.020 | NTU | 1 | T7K1510 | 11/15/07 | 11/15/07 | EPA 180.1 |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 James H. Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



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November 27, 2007

Work Order #: 7K14014

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

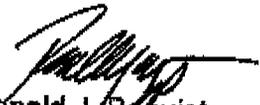
Enclosed are the analytical results for samples received by our laboratory on 11/14/07. For your reference, these analyses have been assigned laboratory work order number 7K14014.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.



Ronald J. Boquist
Director of Analytical Chemistry



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(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/27/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K14014

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---|--------|-----------------|---------|----------|-------------------------|---------------------------------|----------|-----------|
| Raw Wastewater | | | | | | | | |
| | | | | | Sampled: 11/13/07 09:00 | 7K14014-01 (Waste Water) | | |
| Total Suspended Solids | 120 | 40 | mg/L | 10 | T7K1608 | 11/16/07 | 11/19/07 | EPA 160.2 |
| Total Settleable Solids | 8.0 | 0.10 | mL/L/Hr | 1 | T7K1610 | 11/15/07 | 11/15/07 | EPA 160.5 |
| Biochemical Oxygen Demand | 150 | 30 | mg/L | 30 | T7K1505 | 11/15/07 | 11/20/07 | SM5210B |
| Final Effluent | | | | | | | | |
| | | | | | Sampled: 11/13/07 16:00 | 7K14014-02 (Waste Water) | | |
| Total Suspended Solids | 12 | 4.0 | mg/L | 1 | T7K1608 | 11/16/07 | 11/19/07 | EPA 160.2 |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K1610 | 11/15/07 | 11/15/07 | EPA 160.3 |
| Biochemical Oxygen Demand | 3.4 | 1.0 | mg/L | 1 | T7K1505 | 11/15/07 | 11/20/07 | SM5210B |
| Tertiary Effluent Station R-2 (filtered) | | | | | | | | |
| | | | | | Sampled: 11/13/07 14:30 | 7K14014-03 (Waste Water) | | |
| Nitrate as Nitrogen | 11 | 0.45 | mg/L | 1 | [CALC] | 11/15/07 | 11/15/07 | EPA 300.0 |
| Nitrate as NO3 | 51 | 2.0 | mg/L | 1 | T7K1504 | 11/15/07 | 11/15/07 | EPA 300.0 |
| Ammonia as N | ND | 1.0 | mg/L | 1 | T7K1906 | 11/19/07 | 11/20/07 | EPA 350.1 |
| Total Kjeldahl Nitrogen | 7.6 | 1.0 | mg/L | 1 | T7K2003 | 11/20/07 | 11/21/07 | EPA 351.2 |
| Phosphorus | 6.0 | 0.10 | mg/L | 1 | T7K2003 | 11/20/07 | 11/26/07 | EPA 365.4 |

Notes and Definitions

- QM The spike recovery for this QC sample is outside of established control limits due to matrix interference.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.
Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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(559) 268-0740 Fax

November 27, 2007

Work Order #: 7K19013

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/19/07. For your reference, these analyses have been assigned laboratory work order number 7K19013.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Prank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/27/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K19013

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------------------------|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Final Effluent | | | Sampled: 11/19/07 09:30 | | 7K19013-01 (Waste Water) | | | |
| Specific Conductance (EC) | 690 | 1.0 | µS/cm | 1 | T7K2016 | 11/20/07 | 11/20/07 | EPA 120.1 |
| Tertiary Effluent | | | Sampled: 11/19/07 09:30 | | 7K19013-02 (Waste Water) | | | |
| Specific Conductance (EC) | 760 | 1.0 | µS/cm | 1 | T7K2016 | 11/20/07 | 11/20/07 | EPA 120.1 |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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Laboratory Work Order #: 7K20016

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|--|---|----------------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Report Date: 11/27/2007 |
|--|---|----------------------------|

Analytical Report for Microbiologicals

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---|--------|-----------------|---------------------------------|----------|---------|---|----------|-------------|
| Tertiary Effluent | | | | | | | | |
| <i>Date Sampled: 11/20/07 8:45</i> | | | <i>Sampled By: Tony Morales</i> | | | <i>Laboratory ID#: 7K20016-01 (Waste Water)</i> | | |
| Total Coliforms | <2 | 2.0 | MPN/100 mL | 1 | T7K2104 | 11/20/07 | 11/22/07 | SM9221B/E/F |
| <i>Date Sampled: 11/20/07 11:00</i> | | | <i>Sampled By: Tony Morales</i> | | | <i>Laboratory ID#: 7K20016-02 (Waste Water)</i> | | |
| Tertiary Effluent Station R-2 (filtered) | | | | | | | | |
| Fecal Coliforms | <2 | 2.0 | MPN/100 mL | 1 | T7K2104 | 11/20/07 | 11/22/07 | SM9221B/E/F |

Notes and Definitions

3x5 <2

ND Analyte NOT DETECTED at or above the reporting limit
 NR Not Reported

MPN Most Probable Number
 CFU Colony Forming Units

mg/L milligrams/Liter (ppm)
 ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry

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Jim Brownfield, Quality Assurance Manager



California ELAP Certificate #1377

2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

December 04, 2007

Work Order #: 7K19014

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/19/07 . For your reference, these analyses have been assigned laboratory work order number 7K19014.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 12/4/07 |
|---|---|----------------------|

Analytical Report for Work Order 7K19014

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------------------------|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Raw Wastewater | | | Sampled: 11/19/07 08:00 | | 7K19014-01 (Waste Water) | | | |
| Total Suspended Solids | 160 | 40 | mg/L | 10 | T7K2007 | 11/20/07 | 11/26/07 | EPA 160.2 |
| Total Settleable Solids | 11 | 0.10 | mL/L/Hr | 1 | T7K2102 | 11/21/07 | 11/21/07 | EPA 160.5 |
| Biochemical Oxygen Demand | 400 | 100 | mg/L | 100 | T7K2101 | 11/21/07 | 11/26/07 | SM5210B |
| Final Effluent | | | Sampled: 11/19/07 11:00 | | 7K19014-02 (Waste Water) | | | |
| Total Suspended Solids | 8.2 | 4.0 | mg/L | 1 | T7K2007 | 11/20/07 | 11/26/07 | EPA 160.2 |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K2102 | 11/21/07 | 11/21/07 | EPA 160.5 |
| Biochemical Oxygen Demand | 3.0 | 1.0 | mg/L | 1 | T7K2101 | 11/21/07 | 11/26/07 | SM5210B |

Notes and Definitions

- NH QC Criteria out of range due to non-homogeneous sample matrix.
- * BSD2 for BOD was low; there is a possibility of a low bias in samples run in this QC batch.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/l. milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Quality Control Data Available Upon Request

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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Fresno, CA 93721
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November 27, 2007

Work Order #: 7K20015

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/20/07. For your reference, these analyses have been assigned laboratory work order number 7K20015.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/27/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K20015

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Tertiary Effluent | | | Sampled: 11/19/07 16:00 | | 7K20015-01 (Waste Water) | | | |
| Turbidity | 2.3 | 0.020 | NTU | 1 | T7K2021 | 11/20/07 | 11/20/07 | EPA 180.1 |
| Tertiary Effluent Station R-2 (filtered) | | | Sampled: 11/19/07 16:30 | | 7K20015-02 (Waste Water) | | | |
| Turbidity | 3.9 | 0.020 | NTU | 1 | T7K2021 | 11/20/07 | 11/20/07 | EPA 180.1 |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

December 05, 2007

Work Order #: 7K20017

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/20/07. For your reference, these analyses have been assigned laboratory work order number 7K20017.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

| | | |
|---|---|----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 12/5/07 |
|---|---|----------------------|

Analytical Report for Work Order 7K20017

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | |
|---------------------------|--------|-----------------|---------|----------|-------------------------|----------|--------------------------|-----------|--|
| | | | | | Sampled: 11/19/07 16:30 | | 7K20017-01 (Waste Water) | | |
| Nitrate as Nitrogen | 9.9 | 0.45 | mg/L | 1 | [CALC] | 11/30/07 | 11/20/07 | [CALC] | |
| Nitrite as Nitrogen | ND | 0.30 | mg/L | 1 | [CALC] | 11/30/07 | 11/20/07 | [CALC] | |
| Total Nitrogen | 13 | 1.8 | mg/L | 1 | [CALC] | 11/30/07 | 12/03/07 | [CALC] | |
| Total Suspended Solids | ND | 4.0 | mg/L | 1 | T7K2007 | 11/20/07 | 11/26/07 | EPA 160.2 | |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K2102 | 11/21/07 | 11/21/07 | EPA 160.5 | |
| Nitrite as NO2 | ND | 1.0 | mg/L | 1 | T7K2006 | 11/20/07 | 11/20/07 | EPA 300.0 | |
| Nitrate as NO3 | 44 | 2.0 | mg/L | 1 | T7K2006 | 11/20/07 | 11/20/07 | EPA 300.0 | |
| Ammonia as N | ND | 1.0 | mg/L | 1 | T7K3006 | 11/30/07 | 12/03/07 | EPA 350.1 | |
| Total Kjeldahl Nitrogen | 3.5 | 1.0 | mg/L | 1 | T7K3003 | 11/30/07 | 12/03/07 | EPA 351.2 | |
| Phosphorus | 3.4 | 0.10 | mg/L | 1 | T7K3003 | 11/30/07 | 12/04/07 | EPA 365.4 | |
| Biochemical Oxygen Demand | 3.4 | 1.0 | mg/L | 1 | T7K2101 | 11/21/07 | 11/26/07 | SMS210B | |
| | | | | | Sampled: 11/19/07 14:00 | | 7K20017-02 (Waste Water) | | |
| Specific Conductance (EC) | 780 | 1.0 | µS/cm | 1 | T7K2016 | 11/20/07 | 11/20/07 | EPA 120.1 | |
| Nitrate as Nitrogen | 11 | 0.45 | mg/L | 1 | [CALC] | 11/20/07 | 11/20/07 | EPA 300.0 | |
| Nitrate as NO3 | 47 | 2.0 | mg/L | 1 | T7K2006 | 11/20/07 | 11/20/07 | EPA 300.0 | |
| Ammonia as N | 1.0 | 1.0 | mg/L | 1 | T7K3006 | 11/30/07 | 12/03/07 | EPA 350.1 | |
| Total Kjeldahl Nitrogen | 3.2 | 1.0 | mg/L | 1 | T7K3003 | 11/30/07 | 12/03/07 | EPA 351.2 | |
| Phosphorus | 3.7 | 0.10 | mg/L | 1 | T7K3003 | 11/30/07 | 12/04/07 | EPA 365.4 | |

Notes and Definitions

- NH QC Criteria out of range due to non-homogeneous sample matrix.
- * BSD2 for BOD was low; there is a possibility of a low bias in samples run in this QC batch.
- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Quality Control Data Available Upon Request

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



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Fresno, CA 93721
(559) 268-7021 Phone
(559) 268-0740 Fax

November 30, 2007

Work Order #: 7K27016

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/27/07 . For your reference, these analyses have been assigned laboratory work order number 7K27016.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



2527 Fresno Street
 Fresno, CA 93721
 (559) 268-7021 Phone
 (559) 268-0740 Fax

| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 11/30/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K27016

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Final Effluent | | | Sampled: 11/27/07 09:00 | | 7K27016-01 (Waste Water) | | | |
| Specific Conductance (EC) | 700 | 1.0 | µS/cm | 1 | T7K2714 | 11/27/07 | 11/27/07 | EPA 120.1 |
| Tertiary Effluent | | | Sampled: 11/27/07 09:00 | | 7K27016-02 (Waste Water) | | | |
| Specific Conductance (EC) | 770 | 1.0 | µS/cm | 1 | T7K2714 | 11/27/07 | 11/27/07 | EPA 120.1 |
| Tertiary Effluent Station R-2 (filtered) | | | Sampled: 11/27/07 10:45 | | 7K27016-03 (Waste Water) | | | |
| Specific Conductance (EC) | 820 | 1.0 | µS/cm | 1 | T7K2714 | 11/27/07 | 11/27/07 | EPA 120.1 |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Quality Control Data Available Upon Request

Moore Twining Associates, Inc.
 Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

The results in this report apply to the samples analyzed in accordance with the chain custody document. This analytical report must be reproduced in its entirety.



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December 11, 2007

Work Order #: 7K27017

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/27/07. For your reference, these analyses have been assigned laboratory work order number 7K27017.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist', is written over the printed name.

Ronald J. Boquist
Director of Analytical Chemistry



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| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 12/11/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K27017

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|-------------------------------------|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Tertiary Effluent | | | Sampled: 11/26/07 17:00 | | 7K27017-01 (Waste Water) | | | |
| Nitrate as Nitrogen | 11 | 0.45 | mg/L | 1 | [CALC] | 12/03/07 | 11/27/07 | [CALC] |
| Nitrite as Nitrogen | ND | 0.30 | mg/L | 1 | [CALC] | 12/03/07 | 11/27/07 | [CALC] |
| Total Nitrogen | 14 | 1.8 | mg/L | 1 | [CALC] | 12/03/07 | 12/06/07 | [CALC] |
| Total Suspended Solids | 8.0 | 4.0 | mg/L | 1 | T7K2713 | 11/27/07 | 11/28/07 | EPA 160.2 |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K2806 | 11/28/07 | 11/28/07 | EPA 160.5 |
| Nitrite as NO ₂ | ND | 1.0 | mg/L | 1 | T7K2706 | 11/27/07 | 11/27/07 | EPA 300.0 |
| Nitrate as NO ₃ | 49 | 2.0 | mg/L | 1 | T7K2706 | 11/27/07 | 11/27/07 | EPA 300.0 |
| Ammonia as N | ND | 1.0 | mg/L | 1 | T7L0603 | 12/06/07 | 12/07/07 | EPA 350.1 |
| Total Kjeldahl Nitrogen | 3.0 | 1.0 | mg/L | 1 | T7L0311 | 12/03/07 | 12/06/07 | EPA 351.2 |
| Phosphorus | 2.6 | 0.10 | mg/L | 1 | T7L0311 | 12/03/07 | 12/06/07 | EPA 365.4 |
| Biochemical Oxygen Demand | 5.5 | 1.0 | mg/L | 1 | T7K2805 | 11/28/07 | 12/03/07 | SMS210B |
| Tertiary Effluent Station R2 | | | Sampled: 11/27/07 10:45 | | 7K27017-02 (Waste Water) | | | |
| Nitrate as Nitrogen | 11 | 0.45 | mg/L | 1 | [CALC] | 11/27/07 | 11/27/07 | EPA 300.0 |
| Nitrate as NO ₃ | 48 | 2.0 | mg/L | 1 | T7K2706 | 11/27/07 | 11/27/07 | EPA 300.0 |
| Ammonia as N | ND | 1.0 | mg/L | 1 | T7L0603 | 12/06/07 | 12/07/07 | EPA 350.1 |
| Total Kjeldahl Nitrogen | 3.7 | 1.0 | mg/L | 1 | T7L0311 | 12/03/07 | 12/06/07 | EPA 351.2 |
| Phosphorus | 2.9 | 0.10 | mg/L | 1 | T7L0311 | 12/03/07 | 12/06/07 | EPA 365.4 |

Notes and Definitions

| | |
|-------|---|
| ug/L | micrograms per liter (parts per billion concentration units) |
| mg/L | milligrams per liter (parts per million concentration units) |
| mg/kg | milligrams per kilogram (parts per million concentration units) |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |

Quality Control Data Available Upon Request

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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December 11, 2007

Work Order #: 7K29017

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/29/07 . For your reference, these analyses have been assigned laboratory work order number 7K29017.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

Ronald J. Boquist
Director of Analytical Chemistry



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| | | |
|---|---|-----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 12/11/07 |
|---|---|-----------------------|

Analytical Report for Work Order 7K29017

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method |
|---------------------------|--------|-----------------|-------------------------|----------|---------------------------------|----------|----------|-----------|
| Raw Wastewater | | | Sampled: 11/28/07 13:00 | | 7K29017-01 (Waste Water) | | | |
| Total Suspended Solids | 250 | 40 | mg/L | 10 | T7L0304 | 12/03/07 | 12/04/07 | EPA 160.2 |
| Total Settleable Solids | 8.7 | 0.10 | mL/L/Hr | 1 | T7K2806 | 11/30/07 | 11/30/07 | EPA 160.5 |
| Biochemical Oxygen Demand | 180 | 60 | mg/L | 60 | T7K3010 | 11/30/07 | 12/05/07 | SM5210B |
| Final Effluent | | | Sampled: 11/28/07 17:00 | | 7K29017-02 (Waste Water) | | | |
| Total Suspended Solids | ND | 4.0 | mg/L | 1 | T7L0304 | 12/03/07 | 12/04/07 | EPA 160.2 |
| Total Settleable Solids | ND | 0.10 | mL/L/Hr | 1 | T7K2806 | 11/30/07 | 11/30/07 | EPA 160.5 |
| Biochemical Oxygen Demand | 2.1 | 1.0 | mg/L | 1 | T7K3010 | 11/30/07 | 12/05/07 | SM5210B |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/L milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Quality Control Data Available Upon Request

Moore Twining Associates, Inc.

Ronald J. Boquist, Director of Analytical Chemistry
 Jim Brownfield, Quality Assurance Manager

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December 06, 2007

Work Order #: 7K30014

Tony Morales
Malaga County Water District
3580 S. Frank
Fresno, CA 93725

RE: Malaga Sewer Plant

Enclosed are the analytical results for samples received by our laboratory on 11/30/07. For your reference, these analyses have been assigned laboratory work order number 7K30014.

All analyses have been performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, Moore Twining Associates, Inc. (MTA) is not responsible for use of less than complete reports. Results apply only to samples analyzed.

If you have any questions, please feel free to contact us at the number listed above.

Sincerely,

Moore Twining Associates, Inc.

A handwritten signature in black ink, appearing to read 'Ronald J. Boquist', is written over a horizontal line.

Ronald J. Boquist
Director of Analytical Chemistry



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| | | |
|---|---|----------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Reported: 12/6/07 |
|---|---|----------------------|

Analytical Report for Work Order 7K30014

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | |
|---|--------|-----------------|-------|----------|-------------------------|----------|---------------------------------|-----------|--|
| Tertiary Effluent | | | | | Sampled: 11/29/07 13:30 | | 7K30014-01 (Waste Water) | | |
| Turbidity | 1.4 | 0.020 | NTU | 1 | T7K3013 | 11/30/07 | 11/30/07 | EPA 180.1 | |
| Tertiary Effluent Station R-2 (filtered) | | | | | Sampled: 11/29/07 14:00 | | 7K30014-02 (Waste Water) | | |
| Turbidity | 2.0 | 0.020 | NTU | 1 | T7K3013 | 11/30/07 | 11/30/07 | EPA 180.1 | |

Notes and Definitions

- ug/L micrograms per liter (parts per billion concentration units)
- mg/l. milligrams per liter (parts per million concentration units)
- mg/kg milligrams per kilogram (parts per million concentration units)
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

Quality Control Data Available Upon Request

Moore Twining Associates, Inc.
Ronald J. Boquist, Director of Analytical Chemistry
Jim Brownfield, Quality Assurance Manager

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Laboratory Work Order #: 7K30015

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| | | |
|--|---|----------------------------|
| Malaga County Water District 3580 S. Frank Fresno CA, 93725 | Project: Malaga Sewer Plant Project Number: Analytical Services Project Manager: Tony Morales | Report Date: 12/06/2007 |
|--|---|----------------------------|

Analytical Report for Microbiologicals

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | |
|---|--------|---------------------------------|-----------|----------|---------|--|----------|-------------|--|
| | | | | | | Laboratory ID#: 7K30015-01 (Waste Water) | | | |
| Tertiary Effluent | | | | | | <i>Date Received: 11/30/07 13:35</i> | | | |
| <i>Date Sampled: 11/30/07 9:20</i> | | <i>Sampled By: Tony Morales</i> | | | | | | | |
| Total Coliforms | <2 | 2.0 | MPN/100mL | 1 | T7K3020 | 11/30/07 | 12/02/07 | SM9221B/E/F | |
| | | | | | | Laboratory ID#: 7K30015-02 (Waste Water) | | | |
| Tertiary Effluent Station R-2 (filtered) | | | | | | <i>Date Received: 11/30/07 13:35</i> | | | |
| <i>Date Sampled: 11/30/07 10:40</i> | | <i>Sampled By: Tony Morales</i> | | | | | | | |
| Fecal Coliforms | 8.0 | 2.0 | MPN/100mL | 1 | T7K3021 | 11/30/07 | 12/01/07 | SM9221B/E/F | |

Notes and Definitions

3x5 <2

ND Analyte NOT DETECTED at or above the reporting limit
 NR Not Reported

MPN Most Probable Number
 CFU Colony Forming Units

mg/L milligrams/Liter (ppm)
 ug/L micrograms/Liter (ppb)

Moore Twining Associates, Inc.

Ronald J Boquist Director of Analytical Chemistry

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Jim Brownfield Quality Assurance Manager