

# PAT-CHEM LABORATORIES

11990 Discovery Ct. • Moorpark, CA 93021 • Ph. (805) 532-0012 • Fax (805) 532-0

Customer: **Barton Slutske Consulting**  
630 Roosevelt Court  
Simi Valley CA, 93065

Page 1

Attention: Bart Slutske  
Report Date: 15-Jun-07 14:13  
Subject: Water Samples

Project/P.O.#: Trailer Park, Paradise Cove

| PARAMETER   | METHOD    | QC BATCH | REPORTING LIMIT | ANALYZED (ANALYST) | RESULT           | NOTI |
|---|-----------|----------|-----------------|--------------------|------------------|------|
| <b>Final Dosing Tank T.P. (Sample I.D.# : 0706127-01) Collected: 08-Jun-07 By Alex Vega</b> |           |          |                 |                    |                  |      |
| Ammonia as N  | EPA 350.2 | AF71106  | 0.01            | 11-Jun-07 (LA)     | 2.08 mg/l        |      |
| Biochemical Oxygen Demand   | EPA 405.1 | AF71002  | 5               | 15-Jun-07 (MA)     | < 5 mg/l         |      |
| Organic Nitrogen  | SM 4500N  | AF71106  | 0.05            | 11-Jun-07 (LA)     | 0.96 mg/l        |      |
| Oil & Grease (HEM)  | EPA 1664  | AF71215  | 5               | 13-Jun-07 (TF)     | < 5 mg/l         |      |
| Total Dissolved Solids  | EPA 160.1 | AF71111  | 5               | 11-Jun-07 (CS)     | 439 mg/l         |      |
| Total Suspended Solids  | EPA 160.2 | AF71110  | 5               | 11-Jun-07 (CS)     | 12 mg/l          |      |
| Turbidity   | EPA 180.1 | AF70826  | 0.1             | 08-Jun-07 (LA)     | 4.4 NTU          |      |
| Nitrate as N  | EPA 300.0 | AF70827  | 0.02            | 08-Jun-07 (MA)     | 9.89 mg/l        |      |
| nitrite as N  | EPA 300.0 | AF70827  | 0.02            | 08-Jun-07 (MA)     | 0.39 mg/l        |      |
| Enterococcus  | SM 9230B  | AF70820  | 1.0             | 09-Jun-07 (MA)     | < 1.0 MPN/100 ml |      |
| Total Coliforms   | SM 9221E  | AF70820  | 2               | 10-Jun-07 (MA)     | 1600 MPN/100 ml  | YH   |
| E. Coli   | SM 9221E  | AF70820  | 2               | 10-Jun-07 (MA)     | 1600 MPN/100 ml  | YH   |
| Fecal Coliforms   | SM 9221E  | AF70820  | 2               | 10-Jun-07 (MA)     | 1600 MPN/100 ml  | YH   |

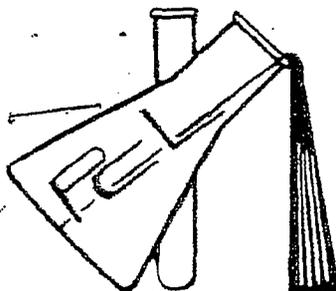
### Notes and Definitions

- >= Result was greater than or equal to the reported value.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported RI
- dry Sample results reported on a dry weight basis

Respectfully Submitted,

Pat Brueckner  
Laboratory Director

6/15/2007



# PAT-CHEM LABORATORIES

11990 Discovery Ct. • Moorpark, CA-93021 • Ph. (805)-532-0012 • Fax (805)-532-0

Customer: Barton Slutske Consulting  
630 Roosevelt Court  
Simi Valley CA, 93065

Page 1

Attention: Bart Slutske  
Report Date: 26-Jun-07 09:23  
Subject: Water Samples

Project/P.O.#: Trailer Park, Paradise Cove

| PARAMETER   | METHOD    | QC BATCH | REPORTING LIMIT | ANALYZED (ANALYST) | RESULT            | NOT |
|---|-----------|----------|-----------------|--------------------|-------------------|-----|
| <b>Final Dosing Tank / T.P. (Sample I.D.# : 0706282-01) Collected: 20-Jun-07 By Alex Vega</b> |           |          |                 |                    |                   |     |
| Ammonia as N  | EPA 350.2 | AF72105  | 0.01            | 21-Jun-07 (LA)     | 3.86 mg/l         |     |
| Biochemical Oxygen Demand   | EPA 405.1 | AF72111  | 5               | 26-Jun-07 (CW)     | 7 mg/l            |     |
| Organic Nitrogen  | SM 4500N  | AF72105  | 0.05            | 21-Jun-07 (LA)     | 0.96 mg/l         |     |
| Oil & Grease (HEM)  | EPA 1664  | AF72207  | 5               | 22-Jun-07 (TF)     | < 5 mg/l          |     |
| Total Dissolved Solids  | EPA 160.1 | AF72108  | 5               | 21-Jun-07 (LA)     | 450 mg/l          |     |
| Total Suspended Solids  | EPA 160.2 | AF72107  | 5               | 21-Jun-07 (LA)     | < 5 mg/l          |     |
| Turbidity   | EPA 180.1 | AF72110  | 0.1             | 21-Jun-07 (CW)     | 1.9 NTU           |     |
| Nitrate as N  | EPA 300.0 | AF72201  | 0.02            | 22-Jun-07 (CS)     | 9.83 mg/l         |     |
| Nitrite as N  | EPA 300.0 | AF72201  | 0.02            | 22-Jun-07 (CS)     | 0.33 mg/l         |     |
| Enterococcus  | SM 9230B  | AF72014  | 1.0             | 21-Jun-07 (CW)     | 1413.6 MPN/100 ml |     |
| Total Coliforms   | SM 9221E  | AF72014  | 2               | 22-Jun-07 (EB)     | 1600 MPN/100 ml   | YH  |
| E. Coli   | SM 9221E  | AF72014  | 2               | 22-Jun-07 (EB)     | 1600 MPN/100 ml   | YH  |
| Fecal Coliforms   | SM 9221E  | AF72014  | 2               | 22-Jun-07 (EB)     | 1600 MPN/100 ml   | YH  |

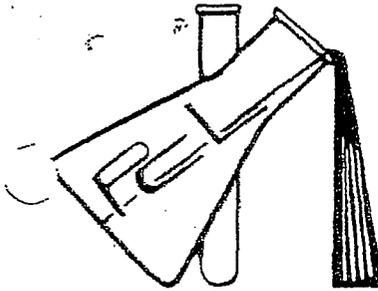
### Notes and Definitions

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- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis

Respectfully Submitted,

Pat Brueckner  
Laboratory Director

6/26/2007



# PAT-CHEM LABORATORIES

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Customer: Barton Slutske Consulting  
630 Roosevelt Court  
Simi Valley CA, 93065

Page 1

Attention: Bart Slutske  
Report Date: 20-Aug-07 07:00  
Subject: Water Samples

Project/P.O.#: [none]

| PARAMETER   | METHOD    | QC BATCH | REPORTING LIMIT | ANALYZED (ANALYST) | RESULT            | NOTE |
|---|-----------|----------|-----------------|--------------------|-------------------|------|
| <b>Final Dosing Tank T.P (Sample I.D.# : 0708176-01) Collected: 13-Aug-07 By Customer</b> |           |          |                 |                    |                   |      |
| Ammonia as N  | EPA 350.2 | AH71507  | 0.01            | 15-Aug-07 (LA)     | 10.9 mg/l         |      |
| Biochemical Oxygen Demand   | EPA 405.1 | AH71409  | 5               | 19-Aug-07 (MA)     | 23 mg/l           |      |
| Oil & Grease (HEM)  | EPA 1664  | AH71516  | 5               | 15-Aug-07 (NM)     | 8 mg/l            |      |
| Total Dissolved Solids  | EPA 160.1 | AH71404  | 5               | 15-Aug-07 (CW)     | 384 mg/l          |      |
| Total Suspended Solids  | EPA 160.2 | AH71403  | 5               | 15-Aug-07 (CW)     | 10 mg/l           |      |
| Turbidity   | EPA 180.1 | AH71407  | 0.1             | 14-Aug-07 (LA)     | 10.8 NTU          |      |
| Nitrate as N  | EPA 300.0 | AH71401  | 0.02            | 14-Aug-07 (LA)     | 10.4 mg/l         |      |
| Enterococcus  | SM 9230B  | AH71318  | 1.0             | 14-Aug-07 (CW)     | 2419.2 MPN/100 ml | >    |
| Total Coliforms   | SM 9221E  | AH71318  | 2               | 15-Aug-07 (CW)     | 1600 MPN/100 ml   | >#   |
| E. Coli   | SM 9221E  | AH71318  | 2               | 15-Aug-07 (CW)     | 1600 MPN/100 ml   | >#   |
| Fecal Coliforms   | SM 9221E  | AH71318  | 2               | 15-Aug-07 (CW)     | 1600 MPN/100 ml   | >#   |

## Notes and Definitions

- >= Result was greater than or equal to the reported value.
- > Result was greater than reported value.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis

Respectfully Submitted,

Pat Brueckner  
Laboratory Director

8/20/2007



## ANALYTICAL CHEMISTS

September 20, 2007

Lab ID : SP 710205-01  
Customer ID: 2-22501

**Barton Slutske Consulting**  
630 Roosevelt Court  
Simi Valley Ca 93065

Sampled On : September 13, 2007-13:50  
Sampled By : Not Available  
Received On : September 13, 2007-16:00  
Matrix : Drinking Water

Description : Sample Port Puretech  
Project : Paradise Cove MHP

### Sample Results - Inorganic

| Constituent                    | Results | PQL  | Units | Note | Sample Preparation |                        | Sample Analysis |                        |
|--------------------------------|---------|------|-------|------|--------------------|------------------------|-----------------|------------------------|
|                                |         |      |       |      | Method             | Date/ID                | Method          | Date/ID                |
| <b>Wet Chemistry</b> P,AGJ:1,4 |         |      |       |      |                    |                        |                 |                        |
| BOD                            | 14.0    | 3.6* | mg/L  |      | 5210B              | 09/13/07:C204<br>20:05 | 5210B           | 09/18/2007:BC<br>12:06 |
| Nitrate                        | 123     | 2*   | mg/L  |      | 4500NO3F           | 09/20/07:A220<br>13:45 | 4500NO3F        | 09/20/2007:CC<br>14:38 |
| Nitrogen, Organic              | ND      | 2.5* | ppm   |      | Calculation        |                        | Calculation     |                        |
| Ammonia Nitrogen               | 9       | 1*   | mg/L  |      | 4500NH3H           | 09/20/07:A203          | 4500NH3G        | 09/20/2007:AA          |
| Kjeldahl Nitrogen              | 7       | 2.5* | mg/L  |      | 351.1              | 09/18/07:A242          | 4500NH3G        | 09/20/2007:BC          |
| Oil and Grease                 | ND      | 3    | mg/L  |      | 1664               | 09/14/07:A253          | 1664            | 09/17/2007:BC          |
| Solids, Total Dissolved (TDS)  | 500     | 20   | mg/L  |      | 2540 C,E           | 09/14/07:C235          | 2540C           | 09/15/2007:AC          |
| Solids, Total Suspended (TSS)  | 12      | 3*   | mg/L  |      | 2540D              | 09/16/07:A236          | 2540D           | 09/17/2007:AC          |
| Turbidity                      | 6.6     | 0.2  | NTU   |      | 2130B              | 09/14/07:A245<br>17:00 | 2130B           | 09/14/2007:AC<br>17:54 |

ND=Non-Detect. PQL=Practical Quantitation Limit. ♦ PQL adjusted for dilutions, concentrations, dry weight reporting, or limited sample.  
Containers: (P) Plastic, (AGJ) Amber Glass Jar. Preservatives: (1) Cool 4°C, (4) H2SO4 pH < 2



# ENVIRONMENTAL



ANALYTICAL CHEMISTS  
 September 20, 2007  
 Barton Slutske Consulting

Lab ID : SP 710205  
 Customer : 2-22501

## Quality Control - Inorganic

| Constituent                   | Method   | Date/ID                               | Type   | Units | Conc. | QC Data | DQO    | Note |
|-------------------------------|----------|---------------------------------------|--------|-------|-------|---------|--------|------|
| Wet Chem<br>Ammonia Nitrogen  | 4500NH3H | 09/20/2007:A203<br><br>(SP 710205-01) | Blank  | mg/L  |       | ND      | <0.2   |      |
|                               |          |                                       | LCS    | mg/L  | 2.000 | 84.4%   | 63-116 |      |
|                               |          |                                       | MS     | mg/L  | 2.000 | 241%    | < ¼    | 408  |
|                               |          |                                       | MSD    | mg/L  | 2.000 | -99.6%  | < ¼    | 408  |
|                               |          |                                       | MSRPD  | mg/L  |       | 64.4%   | ≤80.2  |      |
|                               | 4500NH3G | 09/20/2007:A                          | 00-ICB | mg/l  |       | ND      | <0.2   |      |
|                               |          |                                       | 00-CCB | mg/l  |       | ND      | <0.2   |      |
|                               |          |                                       | 00-ICV | mg/l  | 2.000 | 93.0%   | 90-110 |      |
|                               |          |                                       | 00-CCV | mg/l  | 2.000 | 93.4%   | 90-110 |      |
| Kjeldahl Nitrogen             | 351.1    | 09/18/2007:A242                       | Blank  | mg/L  |       | ND      | <0.5   |      |
| Ammonia Nitrogen              | 4500NH3G | 09/20/2007:B                          | 00-ICB | mg/l  |       | ND      | <0.2   |      |
|                               |          |                                       | 00-CCB | mg/l  |       | ND      | <0.2   |      |
|                               |          |                                       | 00-ICV | mg/l  | 2.000 | 94.3%   | 90-110 |      |
|                               |          |                                       | 00-CCV | mg/l  | 2.000 | 95.0%   | 90-110 |      |
| BOD                           | 5210B    | 09/13/2007:C204                       | RgBlk  | mg/L  |       | 0.19    | 2      |      |
|                               |          |                                       | LCS    | mg/L  | 197.4 | 94.8%   | 60-120 |      |
|                               |          |                                       | Dup    | mg/L  |       | 0.49    | 54     |      |
|                               | 5210B    | 09/18/2007:B                          | 00-CCV | mg/L  | 1.000 | 105%    | 80-120 |      |
| Nitrate + Nitrite as N        | 4500NO3F | 09/20/2007:A220<br>(SP 710205-01)     | MS     | mg/L  | 4.000 | -570%   | < ¼    | 408  |
|                               |          |                                       | MSD    | mg/L  | 4.000 | -567%   | < ¼    | 408  |
|                               |          |                                       | MSRPD  | mg/L  |       | 2.0%    | ≤30.4  |      |
|                               | 4500NO3F | 09/20/2007:C                          | 00-ICB | mg/l  |       | ND      | <0.1   |      |
|                               |          |                                       | 00-CCB | mg/l  |       | ND      | <0.1   |      |
|                               |          |                                       | 00-ICV | mg/l  | 4.000 | 101%    | 90-110 |      |
|                               |          |                                       | 00-CCV | mg/l  | 4.000 | 98.8%   | 90-110 |      |
| Oil and Grease                | 1664     | 09/14/2007:A253                       | Blank  | mg/L  |       | ND      | <3     |      |
|                               |          |                                       | LCS    | mg/L  | 40.40 | 73.6%   | 63-121 |      |
|                               |          |                                       | BS     | mg/L  | 40.40 | 88.5%   | 63-121 |      |
|                               |          |                                       | BSD    | mg/L  | 40.40 | 87.4%   | 63-121 |      |
|                               |          |                                       | BSRPD  | mg/L  |       | 1.3%    | ≤48.9  |      |
| Solids, Total Dissolved (TDS) | 2540 C,E | 09/14/2007:C235                       | Blank  | mg/L  |       | ND      | <20    |      |
|                               |          |                                       | LCS    | mg/L  | 1000  | 101%    | 90-110 |      |
|                               |          |                                       | Dup    | mg/L  |       | 2.6%    | 10.0   |      |
| Solids, Total Suspended (TSS) | 2540D    | 09/16/2007:A236                       | Blank  | mg/L  |       | ND      | <1     |      |
|                               |          |                                       | LCS    | mg/L  | 50.00 | 78.0%   | 38-138 |      |
|                               |          |                                       | Dup    | mg/L  |       | 70.2%   | 28.7   |      |
| Turbidity                     | 2130B    | 09/14/2007:A245                       | Dup    | NTU   |       | 0.0%    | 2.47   |      |
|                               |          |                                       |        |       |       |         |        |      |
|                               | 2130B    | 09/14/2007:A                          | 00-CCB | NTU   |       | ND      | <0.2   |      |
|                               |          |                                       | 00-CCV | NTU   | 2.000 | 92.0%   | 90-110 |      |

Explanations and definitions are continued on next page...

**Analytical Chemists**

September 18, 2007

**Barton Slutske Consulting**  
 630 Roosevelt Court  
 Simi Valley Ca 93065

SP 0710205:1 **COLIFORM BACTERIA ANALYSIS**  
 Customer ID : 2-22501

System Number :  
 Project Name : Paradise Cove MHP

**Sample Handling Information**

| ID | Sample Number  | Sample Description   | Sample Type/Reason | Sampled By    | Employed By   | Sampled          | Started             | Finished      |
|----|----------------|----------------------|--------------------|---------------|---------------|------------------|---------------------|---------------|
| 1  | SP 0710205-001 | Sample Port Puretech | Waste-Other        | Not Available | Not Available | 09/13/2007 13:50 | 09/13/2007 17:47 LM | 2007-09-17 LM |

**Analytical Results**

| ID | Sample Description   | Chlorine Total/Free | Temp °C | Method   | Units     | Total | Fecal | Person | Date | Time | Foot Note |
|----|----------------------|---------------------|---------|----------|-----------|-------|-------|--------|------|------|-----------|
| 1  | Sample Port Puretech | --                  | --      | SM 9221B | MPN/100ml | 160   | 160   | N/R    |      |      |           |

N/R Not Required.

MPN Most Probable Number

A/P Absence/Presence

Analyses were performed using Standard Methods 20th edition. If you have any questions regarding your results, please call.

RRH:SMH

Reviewed and  
 Approved By **Raquel R. Harvey**

Digitally signed by Raquel R. Harvey  
 Title: Tech Director Microbiology  
 Date: 2007-09-18

**Corporate Offices & Laboratory**  
 P.O. Box 272 / 853 Corporation Street  
 Santa Paula, CA 93061-0272  
 TEL: 805/392-2000  
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 2500 Stagecoach Road  
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 FAX: 530/343-3807  
 CA ELAP Certification No. 1562

Bacteriological Results Page: 1

**Field Office**  
 Visalia, California  
 TEL: 559/734-9473  
 Mobile: 559/737-2399  
 FAX: 559/734-8435

**Analytical Chemists**

September 18, 2007

**Barton Slutske Consulting**  
 630 Roosevelt Court  
 Simi Valley Ca 93065

SP 0710205:1 **ENTEROCOCCUS BACTERIA ANALYSIS**  
 Customer ID : 2-22501

System Number :  
 Project Name : Paradise Cove MHP

**Sample Handling Information**

| ID | Sample Number  | Sample Description   | Sample Type/Reason | Sampled By    | Employed By   | Sampled          | Started             | Finished      |
|----|----------------|----------------------|--------------------|---------------|---------------|------------------|---------------------|---------------|
| 1  | SP 0710205-001 | Sample Port Puretech | N/A                | Not Available | Not Available | 09/13/2007 13:50 | 09/13/2007 17:45 LM | 2007-09-14 LM |

**Analytical Results**

| ID | Sample Description   | Chlorine Total/Free | Temp °C | Method | Units     | Enterococcus | Person | Date | Time | Foot Note |
|----|----------------------|---------------------|---------|--------|-----------|--------------|--------|------|------|-----------|
| 1  | Sample Port Puretech | —                   | —       | IDEXX  | MPN/100ml | 13           | N/R    |      |      |           |

N/R Not Required.

MPN Most Probable Number

A/P Absence/Presence

Analysis were performed using Enterolert Method. If you have any questions regarding your results, please call.

RRH:SMH

Reviewed and  
 Approved By **Raquel R. Harvey**

Digitally signed by Raquel R. Harvey  
 Title: Tech Director Microbiology  
 Date: 2007-09-18

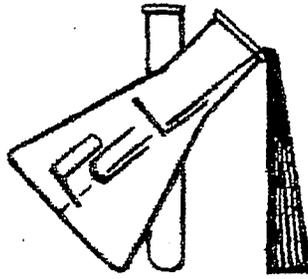
**Corporate Offices & Laboratory**  
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 FAX: 805/525-4172  
 CA NELAP Certification No. 01110CA

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 2500 Stagecoach Road  
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 CA ELAP Certification No. 1562

Bacteriological Results Page: 1

**Field Office**  
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 FAX: 559/734-8435



# PAT-CHEM LABORATORIES

11990 Discovery Ct. • Moorpark, CA 93021 • Ph. (805) 532-0012 • Fax (805) 532-0016

Customer: **Barton Slutske Consulting**  
630 Roosevelt Court  
Simi Valley CA, 93065

Page 1 of 1

Attention: Bart Slutske  
Report Date: 18-Sep-07 15:30  
Subject: Water Samples

Project/P.O.#: Trailer Park, Paradise Cove

| PARAMETER   | METHOD    | QC BATCH | REPORTING LIMIT | ANALYZED (ANALYST) | RESULT        | NOTE |
|---|-----------|----------|-----------------|--------------------|---------------|------|
| <b>Sample Port Pure "D" Tech (Sample I.D.# : 0709205-01) Collected: 13-Sep-07 By Customer</b> |           |          |                 |                    |               |      |
| Ammonia as N  | EPA 350.2 | AI71409  | 0.01            | 14-Sep-07 (CS)     | 8.55 mg/l     |      |
| Biochemical Oxygen Demand   | EPA 405.1 | AI71316  | 5               | 18-Sep-07 (CW)     | 10 mg/l       |      |
| Organic Nitrogen  | SM 4500N  | AI71409  | 0.05            | 14-Sep-07 (CS)     | 5.12 mg/l     |      |
| Oil & Grease (HEM)  | EPA 1664  | AI71419  | 5               | 14-Sep-07 (MB)     | 5 mg/l        |      |
| Total Suspended Solids  | EPA 160.2 | AI71417  | 5               | 14-Sep-07 (EB)     | 9 mg/l        |      |
| Turbidity   | EPA 180.1 | AI71402  | 0.1             | 14-Sep-07 (NM)     | 8.5 NTU       |      |
| Nitrate as N  | EPA 300.0 | AI71413  | 0.02            | 14-Sep-07 (EB)     | 11.6 mg/l     |      |
| Total Coliforms   | SM 9221E  | AI71320  | 2               | 15-Sep-07 (MA)     | 30 MPN/100 ml |      |
| E. Coll   | SM 9221E  | AI71320  | 2               | 15-Sep-07 (MA)     | 2 MPN/100 ml  |      |
| Fecal Coliforms   | SM 9221E  | AI71320  | 2               | 15-Sep-07 (MA)     | 17 MPN/100 ml |      |

## Notes and Definitions

DET Analyte DETECTED  
 ND Analyte NOT DETECTED at or above the reporting limit  
 NR Not Reported  
 dry Sample results reported on a dry weight basis

Respectfully Submitted,

*Pat Brueckner*

Pat Brueckner  
Laboratory Director

9/18/2007

January 15, 2007

ATTN: Information Technology Unit  
Los Angeles Regional Water Quality Control Board  
320 West 4th Street  
Suite 200  
Los Angeles, CA 90013  
(213) 576-6600

LOGGED IN BY  
TECHNICAL SUPPORT

Name:           IK          

Date:           1-17-08          

JAN 15 11:12:53  
 LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD

Re: 2007 Fourth Quarter Report

We are hereby transmitting one (1) copy of the quarterly wastewater treatment system monitoring report for the Paradise Cove Mobile Home Park at 28128 Pacific Coast Highway.

**MONITORING AND REPORTING**  
for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

**(File No. 01-083)**

**WDR Order No. R4-2002-0108**

**M&RP No. CI 8342**

**TSO Order No. R4-2002-0109**

We ask you to please acknowledge receipt at right.

Print Name: \_\_\_\_\_

Sincerely,

Signature: \_\_\_\_\_

Steven Braband  
President, BioSolutions Inc.

Title: \_\_\_\_\_

Date: \_\_\_\_\_

cc: Steven Dahlberg, Kissel Company, Inc.  
File

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

(File No. 01-083)

**WDR Order No. R4-2002-0108**

**MRP No. CI-8342**

**TSO Order No. R4-2002-0109**

OFFICE OF THE ATTORNEY GENERAL  
QUALITY CONTROL BOARD  
LOS ANGELES REGION

2008 JAN 15 PM 12:53

Quarterly Report

for

Reporting Period: October 1, 2007 – December 31, 2007

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Findings & Analysis

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Appendix A – Overall Site Plan

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Appendix B – Wastewater Laboratory Analyses and Chain of Custody Forms

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Appendix C – Groundwater Laboratory Analyses and Chain of Custody Forms

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Appendix D – Septage Hauling Record

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Appendix E – Maintenance Report

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this report prepared by:  
**BioSolutions, Incorporated**  
Agoura Hills, CA

## Quarterly Report

This report provides information to fulfill the monitoring and reporting provisions of the discharger's Monitoring and Reporting Program CI-8342, a part of the currently issued Waste Discharge Requirements (WDR) Order No. R4-2002-0108.

All water and wastewater samples have been taken in accordance with all pertinent state and federal laws, guidelines, and industry approved standards. Additionally, all laboratory analyses have been conducted by a California ELAP approved facility.

### I. Water Quality Monitoring

#### A. Influent Monitoring

In accordance with the discharger's Time Schedule Order (TSO) No. R4-2002-0109, the daily and monthly wastewater flow can be found in the Maintenance Log located in Appendix E.

#### B. Effluent Monitoring

Wastewater effluent samples were taken by the Treatment Systems Operator, Barton Slutske and submitted to the Regional Board. The monthly sample results are shown in Appendix B. A tabular summary of this data can be found on page 5.

#### D. Groundwater Monitoring

Appendix A contains a site plan showing the location of all the groundwater monitoring wells. The original field reports, lab analyses and chain-of-custody forms for these samples are included as Appendix C of this report. Per the request of the Regional Water Quality Water Board two additional monitoring wells were installed, MW14A and MW14B. The shallow well (Mw14B), was found to be dry.

Groundwater monitoring was performed in accordance with Stone Environmental Inc. Standard Operating Protocol (SOP) 6.27.2. Wells were purged using a variable-speed Grundfos pump or a disposable bailer. Between three and five well volumes were purged. Grab samples were taken with a disposable bailer within 24 hours of the completion of purging, within the industry standard sampling window. A tabular summary of this data can be found on page 6.

As acknowledged in the TSO, actual vertical separation to groundwater will not be analyzed or considered in violation until the treatment facility has achieved full upgrade as outlined in the WDR.

## II. General Provisions For Sampling and Analysis

All chemical, bacteriological, and toxicity analyses were conducted by Pat-Chem Laboratories of Moorpark, CA, a facility certified by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP). Laboratory analyses followed United States Environmental Protection Agency (USEPA) standard methods as noted on the lab reports in the Appendices.

## III. General Provisions For Reporting

The new treatment plant continues to run in startup condition. The Disinfection System continues to be modified in order to bring the effluent into compliance.

One fan creating air to a portion of the treatment media failed creating elevated BOD sample results in the August sample. This fan was replaced allowing proper aeration to the entire treatment system. The Pur-o-Tech disinfection system is being modified by the manufacturer to ensure proper functioning of their system. Specific information can be found in The Quarterly Maintenance Report found in Appendix E.

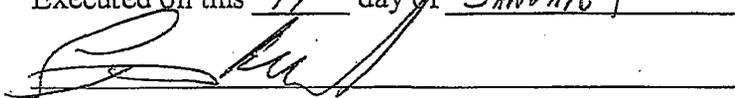
## IV. Waste Hauling Reporting

Please see Appendix D for all records of system pumping and septage hauling provided by the discharger.

V. Certification Statement

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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."

Executed on this 14 day of JANUARY, 2008 at \_\_\_\_\_

 (Signature)

PRINCIPAL BoSawton Inc (Title)

**WasteWater Sampling for Paradise Cove Mobilehome Park**

| Constituent                | First Quarter |        |         | Second Quarter |        |        |        |        |
|----------------------------|---------------|--------|---------|----------------|--------|--------|--------|--------|
|                            | 7-Jan         | 15-Feb | 1-Mar   | 5-Apr          | 24-May | 1-Jun  | 8-Jun  | 20-Jun |
| pH (s.u.)                  |               |        |         |                |        |        |        |        |
| TSS (mg/L)                 |               |        | 14      | 6              | <5     | <5     | 12     | <5     |
| BOD <sub>5</sub> (mg/L)    |               |        | 67      | <5             | 7      | <5     | <5     | 7      |
| Turbidity (NTU)            |               |        | 20.6    | 1.3            | 2.1    | 1.5    | 4.4    | 1.9    |
| Total Coliform (mpn/100mL) |               |        | 1600>=  | 1600>=         | 1600>= | 1600>= | 1600>= | 1600>= |
| Fecal Coliform (mpn/100mL) |               |        | 1600>=  | 1600>=         | 1600>= | 1600>= | 1600>= | 1600>= |
| Enterococcus (mpn/100mL)   |               |        | 2419.2> | 2              |        | 275.5  | <1     | 1413.6 |
| Oil & Grease (mg/L)        |               |        | <5      | <5             | <5     | <5     | <5     | <5     |
| TDS (mg/L)                 |               |        | 444     | 390            | 426    | 456    | 439    | 450    |
| Nitrate - N (mg/L)         |               |        | <0.02   | 33.7           | 12     | 10.1   | 9.89   | 9.83   |
| Nitrite - N (mg/L)         |               |        | <0.02   |                | 0.35   | 0.56   | 0.39   | 0.33   |
| Ammonia - N (mg/L)         |               |        | 23      | 0.27           | 1.47   | 2.28   | 2.08   | 3.86   |
| Organic Nitrogen (mg/L)    |               |        | 13.3    |                | 0.32   | 0.91   | 0.96   | 0.96   |
| Total Nitrogen (mg/L)      |               |        | 36.30   |                | 14.14  | 13.85  | 13.32  | 14.98  |

Table 1: Effluent Sampling Summary for January through June

| Constituent                | Third Quarter |        |        | Fourth Quarter |            |  |        |
|----------------------------|---------------|--------|--------|----------------|------------|--|--------|
|                            | 13-Aug        | 13-Sep | 13-Sep | 5-Oct          | 26-Oct     |  | 22-Dec |
| pH (s.u.)                  |               | FGL    | PAT    |                |            |  |        |
| TSS (mg/L)                 | 10            | 12     | 9      | <5             | 7          |  |        |
| BOD <sub>5</sub> (mg/L)    | 23            | 14     | 10     | 5              | 19         |  |        |
| Turbidity (NTU)            | 10.8          | 6.6    | 9.5    | 5.6            | 6.9        |  |        |
| Total Coliform (mpn/100mL) | 1600>=        | 160    | 30     | >=1600         | >=1600     |  |        |
| Fecal Coliform (mpn/100mL) | 1600>=        | 160    | 17     | 1600           | >=1600     |  |        |
| Enterococcus (mpn/100mL)   | 2419.2>=      | 13     |        | 1299.6         | >=1600     |  |        |
| Oil & Grease (mg/L)        | 8             | ND     | 5      | <5             | <5         |  |        |
| TDS (mg/L)                 | 384           | 500    |        | 440            | 376        |  |        |
| Nitrate - N (mg/L)         | 10.4          | 123    | 11.6   | 21.4           | 7.48       |  |        |
| Nitrite - N (mg/L)         |               |        |        | 0.87           | Not Tested |  |        |
| Ammonia - N (mg/L)         | 10.9          | 9      | 8.55   | 6.02           | 4.67       |  |        |
| Organic Nitrogen (mg/L)    |               | ND     |        | 0.25           | 0.66       |  |        |
| Total Nitrogen (mg/L)      |               |        |        | 28.54          | 12.81      |  |        |

Table 2: Effluent Sampling Summary for July through December

**NOTES:**

- a) Chlorine is not being used as a disinfection agent. Therefore the wastewater was not tested for its presence.
- b) 'Semi & Volatile Organics' includes priority pollutants that are part of the EPA 624 & 625 test series.
- c) Volatile organics which are below detection levels are reported as 'ND' for not detected.
- d) Total Nitrogen is the sum of the concentrations of Nitrate (N), Nitrite (N), Ammonia (N), and Organic Nitrogen.

# APPENDIX B

## Wastewater Laboratory Analyses and Chain of Custody Forms

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected 3/07/07**

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 23.0 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 67 mg/l             |
| Organic Nitrogen          | SM 4500N  | 13.3 mg/l           |
| Oil & Grease              | EPA 1664  | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1 | 444 mg/l            |
| Total Suspended Solids    | EPA160.2  | 14 mg/l             |
| Turbidity                 | EPA 180.1 | 20.6 NTU            |
| Nitrate as N              | EPA 300.0 | 0.02 mg/l           |
| Nitrite as N              | EPA 300.0 | 0.02mg/l            |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/ ml >=     |

**Pat-Chem Laboratories: Date Collected 4/12/07**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 0.27 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | < 5 mg/l           |
| Organic Nitrogen          | SM 4500N  | not tested         |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 390 mg/l           |
| Total Suspended Solids    | EPA160.2  | 6 mg/l             |
| Turbidity                 | EPA 180.1 | 1.3 NTU            |
| Nitrate as N              | EPA 300.0 | 33.7 mg/l          |
| Nitrite as N              | EPA 300.0 | not tested         |
| Enterococcus              | SM 9230B  | 2.0 MPN/100 ml >   |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**Pat-Chem Laboratories: Date Collected 5/30/07**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 1.47 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | 7 mg/l             |
| Organic Nitrogen          | SM 4500N  | 0.32 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 426 mg/l           |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l           |
| Turbidity                 | EPA 180.1 | 2.1 NTU            |
| Nitrate as N              | EPA 300.0 | 12.0 mg/l          |
| Nitrite as N              | EPA 300.0 | 0.35 mg/l          |
| Enterococcus              | SM 9230B  | not tested         |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**Pat-Chem Laboratories: Date Collected 6/07/07**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 2.28 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | 5 mg/l             |
| Organic Nitrogen          | SM 4500N  | 0.91 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 456 mg/l           |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l           |
| Turbidity                 | EPA 180.1 | 1.5 NTU            |
| Nitrate as N              | EPA 300.0 | 10.1 mg/l          |
| Nitrite as N              | EPA 300.0 | 0.56 mg/l          |
| Enterococcus              | SM 9230B  | 275.5 MPN/100 ml   |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 2 MPN/100 ml       |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**Pat-Chem Laboratories: Date Collected 6/15/07**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 2.08 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | < 5 mg/l           |
| Organic Nitrogen          | SM 4500N  | 0.96 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 439 mg/l           |
| Total Suspended Solids    | EPA160.2  | 12 mg/l            |
| Turbidity                 | EPA 180.1 | 4.4 NTU            |
| Nitrate as N              | EPA 300.0 | 9.89 mg/l          |
| Nitrite as N              | EPA 300.0 | 0.39 mg/l          |
| Enterococcus              | SM 9230B  | < 1.0 MPN/100 ml   |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**Pat-Chem Laboratories: Date Collected 6/26/07**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 3.89 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | 7 mg/l             |
| Organic Nitrogen          | SM 4500N  | 0.96 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 450 mg/l           |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l           |
| Turbidity                 | EPA 180.1 | 1.9 NTU            |
| Nitrate as N              | EPA 300.0 | 9.83 mg/l          |
| Nitrite as N              | EPA 300.0 | 0.33 mg/l          |
| Enterococcus              | SM 9230B  | 1413.6 MPN/100 ml  |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**Pat-Chem Laboratories: Date Collected 8/20/07**

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 10.9 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 23 mg/l             |
| Organic Nitrogen          | SM 4500N  | not tested          |
| Oil & Grease              | EPA 1664  | 8 mg/l              |
| Total Dissolved Solids    | EPA 160.1 | 384 mg/l            |
| Total Suspended Solids    | EPA160.2  | 10 mg/l             |
| Turbidity                 | EPA 180.1 | 10.8 NTU            |
| Nitrate as N              | EPA 300.0 | 10.4 mg/l           |
| Nitrite as N              | EPA 300.0 | Not tested          |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >=  |

**Pat-Chem Laboratories: Date Collected 9/13/07**

| Parameter                 | Method    | Result           |
|---------------------------|-----------|------------------|
| Ammonia as N              | EPA 350-2 | 8.55 mg/l        |
| Biochemical Oxygen demand | EPA 405.1 | 10 mg/l          |
| Organic Nitrogen          | SM 4500N  | 5.12 mg/l        |
| Oil & Grease              | EPA 1664  | 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 340 mg/l         |
| Total Suspended Solids    | EPA160.2  | 9 mg/l           |
| Turbidity                 | EPA 180.1 | 9.5 NTU          |
| Nitrate as N              | EPA 300.0 | 11.6 mg/l        |
| Nitrite as N              | EPA 300.0 | 0.92 mg/l        |
| Enterococcus              | SM 9230B  | 17.0 MPN/100 ml  |
| Total Coliforms           | SM 9221E  | 30 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 17 MPN/100 ml    |
| E. Coli                   | SM 9221E  | 2 MPN/100 ml >=  |

**FGL Environmental: Date Collected 9/13/07**

| Parameter                 | Method      | Result            |
|---------------------------|-------------|-------------------|
| Ammonia as N              | 4500NH3H    | 9 mg/l            |
| Biochemical Oxygen demand | 5210B       | 14 mg/l           |
| Organic Nitrogen          | CALCULATION | ND                |
| Oil & Grease              | 1664        | < 5 mg/l          |
| Total Dissolved Solids    | 2540C       | 500 mg/l          |
| Total Suspended Solids    | 2540D       | 12 mg/l           |
| Turbidity                 | 2130B       | 6.6 NTU           |
| Nitrate as N              | 4500NO3F    | 123 mg/l          |
| Nitrite as N              | EPA 300.0   | 0.35 mg/l         |
| Enterococcus              | IDEXX       | 13 MPN/100 ml     |
| Total Coliforms           | SM 9221E    | NOT TESTED        |
| Fecal Coliforms           | SM 9221B    | 160 MPN/100 ml >= |
| E. Coli                   | SM 9221E    | NOT TESTED        |

**Pat-Chem Laboratories: Date Collected 10/05/07**

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 6.02 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 5 mg/l              |
| Organic Nitrogen          | SM 4500N  | 0.25 mg/l           |
| Oil & Grease              | EPA 1664  | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1 | 440 mg/l            |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l            |
| Turbidity                 | EPA 180.1 | 5.6 NTU             |
| Nitrate as N              | EPA 300.0 | 21.4 mg/l           |
| Nitrite as N              | EPA 300.0 | 0.87 mg/l           |
| Enterococcus              | SM 9230B  | 1299.6 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml     |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >=  |

**Pat-Chem Laboratories: Date Collected 10/26/07**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 4.67 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | 19 mg/l            |
| Organic Nitrogen          | SM 4500N  | 0.66 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | N376 mg/l          |
| Total Suspended Solids    | EPA160.2  | 7 mg/l             |
| Turbidity                 | EPA 180.1 | 6.9 NTU            |
| Nitrate as N              | EPA 300.0 | 7.48 mg/l          |
| Nitrite as N              | EPA 300.0 | Not tested         |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 >   |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**HAND DELIVERED**

2008 APR 14 PM 2:26

April 14, 2008

ATTN: Information Technology Unit  
Los Angeles Regional Water Quality Control Board  
320 West 4th Street  
Suite 200  
Los Angeles, CA 90013  
(213) 576-6600

|  |
|--|
| QUALITY CONTROL BOARD<br>LOS ANGELES REGION<br>LOGGED IN BY<br>TECHNICAL SUPPORT |
| Name: <u>IL</u>  |
| Date: <u>4-15-08</u>   |

Re: 2008 First Quarter Report

We are hereby transmitting one (1) copy of the quarterly wastewater treatment system monitoring report for the Paradise Cove Mobile Home Park at 28128 Pacific Coast Highway.

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

**(File No. 01-083)**

**WDR Order No. R4-2002-0108**

**M&RP No. CI 8342**

**TSO Order No. R4-2002-0109**

02-0109

We ask you to please acknowledge receipt at right.

Sincerely,

Steven Braband  
President, BioSolutions Inc.

cc: Steven Dahlberg, Kissel Company, Inc.  
File

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

(File No. 01-083)

**WDR Order No. R4-2002-0108**

**MRP No. CI-8342**

**TSO Order No. R4-2002-0109**

1<sup>st</sup> Quarterly Report

for

Reporting Period: January 1, 2008 – March 31, 2008

## Table of Contents

Findings & Analysis

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Appendix A - Overall Site Plan

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Appendix B - Wastewater Laboratory Analyses and Chain of Custody Forms

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Appendix C - Groundwater Laboratory Analyses and Chain of Custody Forms

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Appendix D - Septage Hauling Record

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Appendix E - Work Plan

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this report prepared by:  
**BioSolutions, Incorporated**  
Agoura Hills, CA

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Groundwater monitoring was performed in accordance with Stone Environmental Inc. Standard Operating Protocol (SOP) 6.27.2. Wells were purged using a variable-speed Grundfos pump or a disposable bailer. Between three and five well volumes were purged. Grab samples were taken with a disposable bailer within 24 hours of the completion of purging, within the industry standard sampling window. A tabular summary of this data can be found on page 6.

As acknowledged in the TSO, actual vertical separation to groundwater will not be analyzed or considered in violation until the treatment facility has achieved full upgrade as outlined in the WDR.

## II. General Provisions For Sampling and Analysis

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## III. General Provisions For Reporting

The new treatment plant continues to run in startup condition. The Disinfection System continues to be modified in order to bring the effluent into compliance.

A Work Plan for future improvements has been submitted. The work plan can be found in Appendix E.

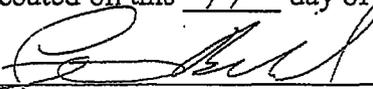
## IV. Waste Hauling Reporting

Please see Appendix D for all records of system pumping and septage hauling provided by the discharger.

V. Certification Statement

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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."

Executed on this 14 day of APRIL, 2008 at \_\_\_\_\_

 (Signature)

PRINCIPAL BIOSOLUTIONS INC (Title)

**WasteWater Sampling for Paradise Cove Mobilehome Park**

| Constituent                | First Quarter |        |  |       | Second Quarter |        |       |       |        |
|----------------------------|---------------|--------|--|-------|----------------|--------|-------|-------|--------|
|                            | 7-Jan         | 15-Feb |  | 1-Mar | 5-Apr          | 24-May | 1-Jun | 8-Jun | 20-Jun |
| pH (s.u.)                  |               |        |  |       |                |        |       |       |        |
| TSS (mg/L)                 |               |        |  |       |                |        |       |       |        |
| BOD <sub>5</sub> (mg/L)    |               |        |  |       |                |        |       |       |        |
| Turbidity (NTU)            |               |        |  |       |                |        |       |       |        |
| Total Coliform (mpn/100mL) |               |        |  |       |                |        |       |       |        |
| Fecal Coliform (mpn/100mL) |               |        |  |       |                |        |       |       |        |
| Enterococcus (mpn/100mL)   |               |        |  |       |                |        |       |       |        |
| Oil & Grease (mg/L)        |               |        |  |       |                |        |       |       |        |
| TDS (mg/L)                 |               |        |  |       |                |        |       |       |        |
| Nitrate - N (mg/L)         |               |        |  |       |                |        |       |       |        |
| Nitrite - N (mg/L)         |               |        |  |       |                |        |       |       |        |
| Ammonia - N (mg/L)         |               |        |  |       |                |        |       |       |        |
| Organic Nitrogen (mg/L)    |               |        |  |       |                |        |       |       |        |
| Total Nitrogen (mg/L)      |               |        |  |       |                |        |       |       |        |

Table 1: Effluent Sampling Summary for January through June

| Constituent                | Third Quarter |        |        | Fourth Quarter |       |        |  |  |        |
|----------------------------|---------------|--------|--------|----------------|-------|--------|--|--|--------|
|                            |               | 13-Aug | 13-Sep | 13-Sep         | 5-Oct | 26-Oct |  |  | 22-Dec |
| pH (s.u.)                  |               |        |        |                |       |        |  |  |        |
| TSS (mg/L)                 |               |        |        |                |       |        |  |  |        |
| BOD <sub>5</sub> (mg/L)    |               |        |        |                |       |        |  |  |        |
| Turbidity (NTU)            |               |        |        |                |       |        |  |  |        |
| Total Coliform (mpn/100mL) |               |        |        |                |       |        |  |  |        |
| Fecal Coliform (mpn/100mL) |               |        |        |                |       |        |  |  |        |
| Enterococcus (mpn/100mL)   |               |        |        |                |       |        |  |  |        |
| Oil & Grease (mg/L)        |               |        |        |                |       |        |  |  |        |
| TDS (mg/L)                 |               |        |        |                |       |        |  |  |        |
| Nitrate - N (mg/L)         |               |        |        |                |       |        |  |  |        |
| Nitrite - N (mg/L)         |               |        |        |                |       |        |  |  |        |
| Ammonia - N (mg/L)         |               |        |        |                |       |        |  |  |        |
| Organic Nitrogen (mg/L)    |               |        |        |                |       |        |  |  |        |
| Total Nitrogen (mg/L)      |               |        |        |                |       |        |  |  |        |

Table 2: Effluent Sampling Summary for July through December

NOTES:

- a) Chlorine is not being used as a disinfection agent. Therefore the wastewater was not tested for its presence.
- b) 'Semi & Volatile Organics' includes priority pollutants that are part of the EPA 624 & 625 test series.
- c) Volatile organics which are below detection levels are reported as 'ND' for not detected.
- d) Total Nitrogen is the sum of the concentrations of Nitrate (N), Nitrite (N), Ammonia (N), and Organic Nitrogen.

2008 JUL 15 AM 11:42

LOS ANGELES REGIONAL WATER  
QUALITY CONTROL BOARD  
LOS ANGELES, CALIF.

July 14, 2008

ATTN: Information Technology Unit  
Los Angeles Regional Water Quality Control Board  
320 West 4th Street  
Suite 200  
Los Angeles, CA 90013  
(213) 576-6600

Re: 2008 Second Quarter Report

We are hereby transmitting one (1) copy of the quarterly wastewater treatment system monitoring report for the Paradise Cove Mobile Home Park at 28128 Pacific Coast Highway.

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

**(File No. 01-083)**

LOGGED IN BY  
TECHNICAL SUPPORT

**WDR Order No. R4-2002-0108**

**M&RP No. CI 8342**

**TSO Order No. R4-2002-0109**

Date:

16  
7-16-08

We ask you to please acknowledge receipt at right.

Print Name:

Sincerely,

Signature:

Steven Braband  
President, BioSolutions Inc.

Title:

Date:

cc: Steven Dahlberg, Kissel Company, Inc.  
File

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

(File No. 01-083)

**WDR Order No. R4-2002-0108**

**MRP No. CI-8342**

**TSO Order No. R4-2002-0109**

Second Quarter Report

for

Reporting Period: April 1, 2008 – June 30, 2008

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Appendix B – Wastewater Laboratory Analyses and Chain of Custody Forms

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Appendix C – Groundwater Laboratory Analyses and Chain of Custody Forms

---

Appendix D – Septage Hauling Record

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Appendix E – Work Plan

---

this report prepared by:  
**BioSolutions, Incorporated**  
Agoura Hills, CA

## Quarterly Report

This report provides information to fulfill the monitoring and reporting provisions of the discharger's Monitoring and Reporting Program CI-8342, a part of the currently issued Waste Discharge Requirements (WDR) Order No. R4-2002-0108.

All water and wastewater samples have been taken in accordance with all pertinent state and federal laws, guidelines, and industry approved standards. Additionally, all laboratory analyses have been conducted by a California ELAP approved facility.

### I. Water Quality Monitoring

#### A. Influent Monitoring

In accordance with the discharger's Time Schedule Order (TSO) No. R4-2002-0109, the daily and monthly wastewater flow can be found in the Maintenance Log located in Appendix E.

#### B. Effluent Monitoring

Wastewater effluent samples were taken by the Treatment Systems Operator, Barton Slutske and submitted to the Regional Board. The monthly sample results are shown in Appendix B. A tabular summary of this data can be found on page 5.

#### D. Groundwater Monitoring

Appendix A contains a site plan showing the location of all the groundwater monitoring wells. The original field reports, lab analyses and chain-of-custody forms for these samples are included as Appendix C of this report. Per the request of the Regional Water Quality Water Board two additional monitoring wells were installed, MW14A and MW14B. The shallow well (MW14B), was found to be dry.

Groundwater monitoring was performed in accordance with Stone Environmental Inc. Standard Operating Protocol (SOP) 6.27.2. Wells were purged using a variable-speed Grundfos pump or a disposable bailer. Between three and five well volumes were purged. Grab samples were taken with a disposable bailer within 24 hours of the completion of purging, within the industry standard sampling window. A tabular summary of this data can be found on page 6.

As acknowledged in the TSO, actual vertical separation to groundwater will not be analyzed or considered in violation until the treatment facility has achieved full upgrade as outlined in the WDR.

## II. General Provisions For Sampling and Analysis

All chemical, bacteriological, and toxicity analyses were conducted by Pat-Chem Laboratories of Moorpark, CA, a facility certified by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP). Laboratory analyses followed United States Environmental Protection Agency (USEPA) standard methods as noted on the lab reports in the Appendices.

## III. General Provisions For Reporting

The new treatment plant continues to run in startup condition. The Disinfection System continues to be modified in order to bring the effluent into compliance.

A Work Plan for future improvements has been submitted. The work plan can be found in Appendix E.

## IV. Waste Hauling Reporting

Please see Appendix D for all records of system pumping and septage hauling provided by the discharger.

V. Certification Statement

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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."

Executed on this 14 day of JULY, 2008 at \_\_\_\_\_

[Handwritten Signature] (Signature)

PRINCIPAL BioSOLUTIONS INC. (Title)

**WasteWater Sampling for Paradise Cove Mobilehome Park**

| Constituent                | First Quarter |        |       | Second Quarter |            |            |            |
|----------------------------|---------------|--------|-------|----------------|------------|------------|------------|
|                            | 7-Jan         | 15-Feb | 1-Mar | 2-May          | 28-May     | 2-Jun      | 9-Jun      |
| pH (s.u.)                  |               |        |       | Not tested     | Not tested | Not tested | Not tested |
| TSS (mg/L)                 |               |        |       | 6              | <5         | 15         | <5         |
| BOD <sub>5</sub> (mg/L)    |               |        |       | 9              | 12         | 47         | 10         |
| Turbidity (NTU)            |               |        |       | 4.2            | 4.2        | 14.4       | 5          |
| Total Coliform (mpn/100mL) |               |        |       | >=1600         | >=2        | >=1600     | 23         |
| Fecal Coliform (mpn/100mL) |               |        |       | >=1600         | >=2        | >=1600     | 13         |
| Enterococcus (mpn/100mL)   |               |        |       | >2419.2        | <1         | >2419.2    | 5.2        |
| Oil & Grease (mg/L)        |               |        |       | <5             | <5         | <5         | <5         |
| TDS (mg/L)                 |               |        |       | 452            | 436        | 492        | 544        |
| Nitrate - N (mg/L)         |               |        |       | 18             | 9.3        | 1.91       | 17         |
| Nitrite - N (mg/L)         |               |        |       | 0.88           | 0.08       | 0.05       | 1.16       |
| Ammonia - N (mg/L)         |               |        |       | 10.2           | 16         | 1.22       | 10.6       |
| Organic Nitrogen (mg/L)    |               |        |       | 4.65           | 1.84       | 3.37       | 2.06       |
| Total Nitrogen (mg/L)      |               |        |       | 33.78          | 27.22      | 6.55       | 30.82      |

Table 1: Effluent Sampling Summary for January through June

| Constituent                | Third Quarter |        |        | Fourth Quarter |        |  |        |
|----------------------------|---------------|--------|--------|----------------|--------|--|--------|
|                            | 13-Aug        | 13-Sep | 13-Sep | 5-Oct          | 26-Oct |  | 22-Dec |
| pH (s.u.)                  |               |        |        |                |        |  |        |
| TSS (mg/L)                 |               |        |        |                |        |  |        |
| BOD <sub>5</sub> (mg/L)    |               |        |        |                |        |  |        |
| Turbidity (NTU)            |               |        |        |                |        |  |        |
| Total Coliform (mpn/100mL) |               |        |        |                |        |  |        |
| Fecal Coliform (mpn/100mL) |               |        |        |                |        |  |        |
| Enterococcus (mpn/100mL)   |               |        |        |                |        |  |        |
| Oil & Grease (mg/L)        |               |        |        |                |        |  |        |
| TDS (mg/L)                 |               |        |        |                |        |  |        |
| Nitrate - N (mg/L)         |               |        |        |                |        |  |        |
| Nitrite - N (mg/L)         |               |        |        |                |        |  |        |
| Ammonia - N (mg/L)         |               |        |        |                |        |  |        |
| Organic Nitrogen (mg/L)    |               |        |        |                |        |  |        |
| Total Nitrogen (mg/L)      |               |        |        |                |        |  |        |

Table 2: Effluent Sampling Summary for July through December

NOTES:

- a) Chlorine is not being used as a disinfection agent. Therefore the wastewater was not tested for its presence.
- b) 'Semi & Volatile Organics' includes priority pollutants that are part of the EPA 624 & 625 test series.
- c) Volatile organics which are below detection levels are reported as 'ND' for not detected.
- d) Total Nitrogen is the sum of the concentrations of Nitrate (N), Nitrite (N), Ammonia (N), and Organic Nitrogen.

# APPENDIX B

## Wastewater Laboratory Analyses and Chain of Custody Forms

Laboratory Testing:

Pat-Chem Laboratories: Date Collected 5/02/08

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 10.2 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 9 mg/l              |
| Organic Nitrogen          | SM 4500N  | 4.65 mg/l           |
| Oil & Grease              | EPA 1664  | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1 | 452 mg/l            |
| Total Suspended Solids    | EPA160.2  | 6 mg/l              |
| Turbidity                 | EPA 180.1 | 4.2 NTU             |
| Nitrate as N              | EPA 300.0 | 18.0 mg/l           |
| Nitrite as N              | EPA 300.0 | 0.88mg/l            |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/ ml >=     |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected 5/28/08

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 16 mg/l            |
| Biochemical Oxygen demand | EPA 405.1 | 12 mg/l            |
| Organic Nitrogen          | SM 4500N  | 1.84 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 436 mg/l           |
| Total-Suspended Solids    | EPA160.2  | < 5 mg/l           |
| Turbidity                 | EPA 180.1 | 4.2 NTU            |
| Nitrate as N              | EPA 300.0 | 9.30 mg/l          |
| Nitrite as N              | EPA 300.0 | 0.08 mg/l          |
| Enterococcus              | SM 9230B  | < 1.0 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 2 MPN/100 ml >=    |
| E. Coli                   | SM 9221E  | 2 MPN/100 ml >=    |
| Fecal Coliforms           | SM 9221E  | 2 MPN/ ml >=       |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected June 2, 2008

| Parameter                 | Method    | Result               |
|---------------------------|-----------|----------------------|
| Ammonia as N              | EPA 350-2 | 1.22 mg/l            |
| Biochemical Oxygen demand | EPA 405.1 | 47 mg/l              |
| Organic Nitrogen          | SM 4500N  | 3.37 mg/l            |
| Oil & Grease              | EPA 1664  | < 5 mg/l             |
| Total Dissolved Solids    | EPA 160.1 | 492 mg/l             |
| Total Suspended Solids    | EPA160.2  | 15 mg/l              |
| Turbidity                 | EPA 180.1 | 14.4 NTU             |
| Nitrate as N              | EPA 300.0 | 1.91 mg/l            |
| Nitrite as N              | EPA 300.0 | 0.05 mg/l            |
| Enterococcus              | SM 9230B  | 2,419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1,600 MPN/100 ml >=  |
| E. Coll.                  | SM 9221E  | 1,600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1,600 MPN/ ml >=     |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected June 9, 2008

| Parameter                 | Method    | Result         |
|---------------------------|-----------|----------------|
| Ammonia as N              | EPA 350-2 | 10.6 mg/l      |
| Biochemical Oxygen demand | EPA 405.1 | 10 mg/l        |
| Organic Nitrogen          | SM 4500N  | 2.06 mg/l      |
| Oil & Grease              | EPA 1664  | < 5 mg/l       |
| Total Dissolved Solids    | EPA 160.1 | 544 mg/l       |
| Total Suspended Solids    | EPA 160.2 | < 5 mg/l       |
| Turbidity                 | EPA 180.1 | 5.0 NTU        |
| Nitrate as N              | EPA 300.0 | 17.0 mg/l      |
| Nitrite as N              | EPA 300.0 | 1.16 mg/l      |
| Enterococcus              | SM 9230B  | 5.2 MPN/100 ml |
| Total Coliforms           | SM 9221E  | 23 MPN/100 ml  |
| E. Coli                   | SM 9221E  | 8 MPN/100 ml   |
| Fecal Coliforms           | SM 9221E  | 13 MPN/ ml     |



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2009 OCT 14 PM 3 35

CALIFORNIA REGIONAL WATER  
QUALITY CONTROL BOARD

MONITORING AND REPORTING  
for LOS ANGELES COUNTY

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

(File No. 01-083)

**WDR Order No. R4-2002-0108**

**MRP No. CI-8342**

**TSO Order No. R4-2002-0109**

Third Quarter Report

for

Reporting Period: July 1, 2008 – September 30, 2008

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Appendix B – Wastewater Laboratory Analyses and Chain of Custody Forms

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Appendix C – Groundwater Laboratory Analyses and Chain of Custody Forms

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Appendix D – Septage Hauling Record

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Appendix E – Work Plan

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this report prepared by:  
**BioSolutions, Incorporated**  
Agoura Hills, CA

## Quarterly Report

This report provides information to fulfill the monitoring and reporting provisions of the discharger's Monitoring and Reporting Program CI-8342, a part of the currently issued Waste Discharge Requirements (WDR) Order No. R4-2002-0108.

All water and wastewater samples have been taken in accordance with all pertinent state and federal laws, guidelines, and industry approved standards. Additionally, all laboratory analyses have been conducted by a California ELAP approved facility.

### I. Water Quality Monitoring

#### A. Influent Monitoring

In accordance with the discharger's Time Schedule Order (TSO) No. R4-2002-0109, the daily and monthly wastewater flow can be found in the Maintenance Log located in Appendix E.

#### B. Effluent Monitoring

Wastewater effluent sample results were not provided in time for the submittal of this report.

#### D. Groundwater Monitoring

Appendix A contains a site plan showing the location of all the groundwater monitoring wells. The original field reports, lab analyses and chain-of-custody forms for these samples are included as Appendix C of this report. Per the request of the Regional Water Quality Water Board two additional monitoring wells were installed, MW14A and MW14B. The shallow well (MW14B), was found to be dry.

Groundwater monitoring was performed in accordance with Stone Environmental Inc. Standard Operating Protocol (SOP) 6.27.2. Wells were purged using a variable-speed Grundfos pump or a disposable bailer. Between three and five well volumes were purged. Grab samples were taken with a disposable bailer within 24 hours of the completion of purging, within the industry standard sampling window. A tabular summary of this data can be found on page 6.

## **II. General Provisions For Sampling and Analysis**

All chemical, bacteriological, and toxicity analyses were conducted by Pat-Chem Laboratories of Moorpark, CA, a facility certified by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP). Laboratory analyses followed United States Environmental Protection Agency (USEPA) standard methods as noted on the lab reports in the Appendices.

## **III. General Provisions For Reporting**

A Work Plan for future improvements has been submitted. The work plan can be found in Appendix E.

## **IV. Waste Hauling Reporting**

Please see Appendix D for all records of system pumping and septage hauling provided by the discharger.

**V. Certification Statement**

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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."

Executed on this 14 day of OCTOBER, 2008 at \_\_\_\_\_.

 (Signature)

PRINCIPAL BioSolutions Inc. (Title)

**WasteWater Sampling for Paradise Cove Mobilehome Park**

| Constituent                | First Quarter |        |       | Second Quarter |            |            |            |
|----------------------------|---------------|--------|-------|----------------|------------|------------|------------|
|                            | 7-Jan         | 15-Feb | 1-Mar | 2-May          | 28-May     | 2-Jun      | 9-Jun      |
| pH (s.u.)                  |               |        |       | Not tested     | Not tested | Not tested | Not tested |
| TSS (mg/L)                 |               |        |       | 6              | <5         | 15         | <5         |
| BOD <sub>5</sub> (mg/L)    |               |        |       | 9              | 12         | 47         | 10         |
| Turbidity (NTU)            |               |        |       | 4.2            | 4.2        | 14.4       | 5          |
| Total Coliform (mpn/100mL) |               |        |       | >=1600         | >=2        | >=1600     | 23         |
| Fecal Coliform (mpn/100mL) |               |        |       | >=1600         | >=2        | >=1600     | 13         |
| Enterococcus (mpn/100mL)   |               |        |       | >2419.2        | <1         | >2419.2    | 5.2        |
| Oil & Grease (mg/L)        |               |        |       | <5             | <5         | <5         | <5         |
| TDS (mg/L)                 |               |        |       | 452            | 436        | 492        | 544        |
| Nitrate - N (mg/L)         |               |        |       | 18             | 9.3        | 1.91       | 17         |
| Nitrite - N (mg/L)         |               |        |       | 0.88           | 0.08       | 0.05       | 1.16       |
| Ammonia - N (mg/L)         |               |        |       | 10.2           | 16         | 1.22       | 10.6       |
| Organic Nitrogen (mg/L)    |               |        |       | 4.65           | 1.84       | 3.37       | 2.06       |
| Total Nitrogen (mg/L)      |               |        |       | 33.73          | 27.22      | 6.55       | 30.82      |

**Table 1: Effluent Sampling Summary for January through June**

| Constituent                | Third Quarter |        |        | Fourth Quarter |        |  |        |
|----------------------------|---------------|--------|--------|----------------|--------|--|--------|
|                            | 13-Aug        | 13-Sep | 13-Sep | 5-Oct          | 26-Oct |  | 22-Dec |
| pH (s.u.)                  |               |        |        |                |        |  |        |
| TSS (mg/L)                 |               |        |        |                |        |  |        |
| BOD <sub>5</sub> (mg/L)    |               |        |        |                |        |  |        |
| Turbidity (NTU)            |               |        |        |                |        |  |        |
| Total Coliform (mpn/100mL) |               |        |        |                |        |  |        |
| Fecal Coliform (mpn/100mL) |               |        |        |                |        |  |        |
| Enterococcus (mpn/100mL)   |               |        |        |                |        |  |        |
| Oil & Grease (mg/L)        |               |        |        |                |        |  |        |
| TDS (mg/L)                 |               |        |        |                |        |  |        |
| Nitrate - N (mg/L)         |               |        |        |                |        |  |        |
| Nitrite - N (mg/L)         |               |        |        |                |        |  |        |
| Ammonia - N (mg/L)         |               |        |        |                |        |  |        |
| Organic Nitrogen (mg/L)    |               |        |        |                |        |  |        |
| Total Nitrogen (mg/L)      |               |        |        |                |        |  |        |

**Table 2: Effluent Sampling Summary for July through December**

**NOTES:**

- a) Chlorine is not being used as a disinfection agent. Therefore the wastewater was not tested for its presence.
- b) 'Semi & Volatile Organics' includes priority pollutants that are part of the EPA 624 & 625 test series.
- c) Volatile organics which are below detection levels are reported as 'ND' for not detected.
- d) Total Nitrogen is the sum of the concentrations of Nitrate (N), Nitrite (N), Ammonia (N), and Organic Nitrogen.

RECEIVED

2009 JAN 30 AM 10 37

CALIFORNIA REGIONAL WATER  
QUALITY CONTROL BOARD  
LOS ANGELES REGION

January 29, 2009

ATTN: Information Technology Unit  
Los Angeles Regional Water Quality Control Board  
320 West 4th Street  
Suite 200  
Los Angeles, CA 90013  
(213) 576-6600

Re: 2008 Annual Report

We are hereby transmitting one (1) copy of the Annual wastewater treatment system monitoring report for the Paradise Cove Mobile Home Park at 28128 Pacific Coast Highway.

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

**(File No. 01-083)**

LOGGED IN BY  
TECHNICAL SUPPORT

LOGGED IN BY: \_\_\_\_\_  
Date: 1-30-09

**WDR Order No. R4-2002-0108**

**M&RP No. CI 8342**

**TSO Order No. R4-2002-0109**

We ask you to please acknowledge receipt at right.

Sincerely,

Steven Braband  
President, BioSolutions Inc.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

cc: Steven Dahlberg, Kissel Company, Inc.  
File

**MONITORING AND REPORTING**

for

**KISSEL COMPANY, INC.**

at

**PARADISE COVE MOBILE HOME PARK**

(File No. 01-083)

**WDR Order No. R4-2002-0108**

**MRP No. CI-8342**

**TSO Order No. R4-2002-0109**

Annual Report

for

Reporting Period: January 1, 2008 – December 31, 2008

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Appendix D – Septage Hauling Record

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Appendix E – Work Plan

---

this report prepared by:  
**BioSolutions, Incorporated**  
Agoura Hills, CA

## Annual Report

This report provides information to fulfill the monitoring and reporting provisions of the discharger's Monitoring and Reporting Program CI-8342, a part of the currently issued Waste Discharge Requirements (WDR) Order No. R4-2002-0108.

All water and wastewater samples have been taken in accordance with all pertinent state and federal laws, guidelines, and industry approved standards. Additionally, all laboratory analyses have been conducted by a California ELAP approved facility.

### I. Water Quality Monitoring

#### A. Influent Monitoring

In accordance with the discharger's Time Schedule Order (TSO) No. R4-2002-0109, the daily and monthly wastewater flow can be found in the Maintenance Log located in Appendix E.

#### B. Effluent Monitoring

The monthly sample results were asked for numerous times but were not provided in time for the submittal of the 1<sup>st</sup> quarter report. 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarter wastewater effluent samples were taken by the Treatment Systems Operator, Barton Slutske and submitted to the Regional Board. The monthly sample results are shown in Appendix B. A tabular summary of this data can be found on page 5.

#### D. Groundwater Monitoring

Appendix A contains a site plan showing the location of all the groundwater monitoring wells. The original field reports, lab analyses and chain-of-custody forms for these samples are included as Appendix C of this report. Per the request of the Regional Water Quality Water Board two additional monitoring wells were installed, MW14A and MW14B. The shallow well (MW14B), was found to be dry.

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## **III. General Provisions For Reporting**

A Work Plan for future improvements has been submitted. The work plan can be found in Appendix E.

## **IV. Waste Hauling Reporting**

Please see Appendix D for all records of system pumping and septage hauling provided by the discharger.

**V. Certification Statement**

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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."

Executed on this 26 day of JANUARY, 2009 at \_\_\_\_\_.

[Signature] (Signature)

PRINCIPAL BROSOURTANS, INC. (Title)

**WasteWater Sampling for Paradise Cove Mobilehome Park**

| Constituent                | First Quarter        |        |       | Second Quarter |            |            |            |
|----------------------------|----------------------|--------|-------|----------------|------------|------------|------------|
|                            | 7-Jan                | 15-Feb | 1-Mar | 2-May          | 28-May     | 2-Jun      | 9-Jun      |
| pH (s.u.)                  | No results submitted |        |       | Not tested     | Not tested | Not tested | Not tested |
| TSS (mg/L)                 |                      |        |       | 6              | <5         | 15         | <5         |
| BOD <sub>5</sub> (mg/L)    |                      |        |       | 9              | 12         | 47         | 10         |
| Turbidity (NTU)            |                      |        |       | 4.2            | 4.2        | 14.4       | 5          |
| Total Coliform (mpn/100mL) |                      |        |       | >=1600         | >=2        | >=1600     | 23         |
| Fecal Coliform (mpn/100mL) |                      |        |       | >=1600         | >=2        | >=1600     | 13         |
| Enterococcus (mpn/100mL)   |                      |        |       | >2419.2        | <1         | >2419.2    | 5.2        |
| Oil & Grease (mg/L)        |                      |        |       | <5             | <5         | <5         | <5         |
| TDS (mg/L)                 |                      |        |       | 452            | 436        | 492        | 544        |
| Nitrate - N (mg/L)         |                      |        |       | 18             | 9.3        | 1.91       | 17         |
| Nitrite - N (mg/L)         |                      |        |       | 0.88           | 0.08       | 0.05       | 1.16       |
| Ammonia - N (mg/L)         |                      |        |       | 10.2           | 16         | 1.22       | 10.6       |
| Organic Nitrogen (mg/L)    |                      |        |       | 4.65           | 1.84       | 3.37       | 2.06       |
| Total Nitrogen (mg/L)      |                      |        |       | 33.73          | 27.22      | 6.55       | 30.82      |

**Table 1: Effluent Sampling Summary for January through June**

| Constituent                | Third Quarter        |        |            | Fourth Quarter |            |            |            |            |
|----------------------------|----------------------|--------|------------|----------------|------------|------------|------------|------------|
|                            | 13-Aug               | 13-Sep | 17-Sep     | 5-Nov          | 5-Dec      | 12-Dec     | 19-Dec     | 24-Dec     |
| pH (s.u.)                  | No results submitted |        | Not tested | Not tested     | Not tested | Not tested | Not tested | Not tested |
| TSS (mg/L)                 |                      |        | 25         | Not tested     | 37         | Not tested | 11         | 6          |
| BOD <sub>5</sub> (mg/L)    |                      |        | 12         | Not tested     | 14         | Not tested | 12         | 10         |
| Turbidity (NTU)            |                      |        | 9.9        | Not tested     | 23.2       | Not tested | 8.6        | 9.3        |
| Total Coliform (mpn/100mL) |                      |        | >=1600     | 17             | 170        | 80         | 13         | 50         |
| Fecal Coliform (mpn/100mL) |                      |        | >=1600     | 8              | 70         | >=30       | <2         | 50         |
| Enterococcus (mpn/100mL)   |                      |        | 2419.2     | 9.8            | 2419.2     | 2419.2     | >2419.2    | 7.4        |
| Oil & Grease (mg/L)        |                      |        | Not tested | Not tested     | 10         | Not tested | Not tested | Not tested |
| TDS (mg/L)                 |                      |        | 532        | Not tested     | 500        | Not tested | 444        | 380        |
| Nitrate - N (mg/L)         |                      |        | 14.9       | Not tested     | 2.50       | Not tested | 9.68       | 15.7       |
| Nitrite - N (mg/L)         |                      |        | 0.64       | Not tested     | 0.19       | Not tested | 0.82       | 0.66       |
| Ammonia - N (mg/L)         |                      |        | Not tested | Not tested     | 12.7       | Not tested | 13.1       | 13         |
| Organic Nitrogen (mg/L)    |                      |        | Not tested | Not tested     | 8          | Not tested | 3.9        | 2.1        |
| Total Nitrogen (mg/L)      |                      |        | 15.54      | Not tested     | 23.39      | Not tested | 27.50      | 31.46      |

**Table 2: Effluent Sampling Summary for July through December**

**NOTES:**

- a) Chlorine is not being used as a disinfection agent. Therefore the wastewater was not tested for its presence.
- b) 'Semi & Volatile Organics' includes priority pollutants that are part of the EPA 624 & 625 test series.
- c) Volatile organics which are below detection levels are reported as 'ND' for not detected.
- d) Total Nitrogen is the sum of the concentrations of Nitrate (N), Nitrite (N), Ammonia (N), and Organic Nitrogen.

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# APPENDIX B

## Wastewater Laboratory Analyses and Chain of Custody Forms

Laboratory Testing:

Pat-Chem Laboratories: Date Collected 5/02/08

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 10.2 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 9 mg/l              |
| Organic Nitrogen          | SM 4500N  | 4.65 mg/l           |
| Oil & Grease              | EPA 1664  | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1 | 452 mg/l            |
| Total Suspended Solids    | EPA160.2  | 6 mg/l              |
| Turbidity                 | EPA 180.1 | 4.2 NTU             |
| Nitrate as N              | EPA 300.0 | 18.0 mg/l           |
| Nitrite as N              | EPA 300.0 | 0.88mg/l            |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/ ml >=     |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected 5/28/08

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 16 mg/l            |
| Biochemical Oxygen demand | EPA 405.1 | 12 mg/l            |
| Organic Nitrogen          | SM 4500N  | 1.84 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 436 mg/l           |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l           |
| Turbidity                 | EPA 180.1 | 4.2 NTU            |
| Nitrate as N              | EPA 300.0 | 9.30 mg/l          |
| Nitrite as N              | EPA 300.0 | 0.08 mg/l          |
| Enterococcus              | SM 9230B  | < 1.0 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 2 MPN/100 ml >=    |
| E. Coli                   | SM 9221E  | 2 MPN/100 ml >=    |
| Fecal Coliforms           | SM 9221E  | 2 MPN/ ml >=       |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected June 2, 2008

| Parameter                 | Method    | Result               |
|---------------------------|-----------|----------------------|
| Ammonia as N              | EPA 350-2 | 1.22 mg/l            |
| Biochemical Oxygen demand | EPA 405.1 | 47 mg/l              |
| Organic Nitrogen          | SM 4500N  | 3.37 mg/l            |
| Oil & Grease              | EPA 1664  | < 5 mg/l             |
| Total Dissolved Solids    | EPA 160.1 | 492 mg/l             |
| Total Suspended Solids    | EPA160.2  | 15 mg/l              |
| Turbidity                 | EPA 180.1 | 14.4 NTU             |
| Nitrate as N              | EPA 300.0 | 1.91 mg/l            |
| Nitrite as N              | EPA 300.0 | 0.05 mg/l            |
| Enterococcus              | SM 9230B  | 2,419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1,600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E  | 1,600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1,600 MPN/ ml >=     |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected June 9, 2008

| Parameter                 | Method    | Result         |
|---------------------------|-----------|----------------|
| Ammonia as N              | EPA 350-2 | 10.6 mg/l      |
| Biochemical Oxygen demand | EPA 405.1 | 10 mg/l        |
| Organic Nitrogen          | SM 4500N  | 2.06 mg/l      |
| Oil & Grease              | EPA 1664  | < 5 mg/l       |
| Total Dissolved Solids    | EPA 160.1 | 544 mg/l       |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l       |
| Turbidity                 | EPA 180.1 | 5.0 NTU        |
| Nitrate as N              | EPA 300.0 | 17.0 mg/l      |
| Nitrite as N              | EPA 300.0 | 1.16 mg/l      |
| Enterococcus              | SM 9230B  | 5.2 MPN/100 ml |
| Total Coliforms           | SM 9221E  | 23 MPN/100 ml  |
| E. Coli                   | SM 9221E  | 8 MPN/100 ml   |
| Fecal Coliforms           | SM 9221E  | 13 MPN/ ml     |

Pat-Chem Laboratories: Date Collected 1/09/08

| Parameter                 | Method    | Result               |
|---------------------------|-----------|----------------------|
| Ammonia as N              | EPA 350-2 | 8.19 mg/l            |
| Biochemical Oxygen demand | EPA 405.1 | 19 mg/l              |
| Organic Nitrogen          | SM 4500N  | 3.16 mg/l            |
| Oil & Grease              | EPA 1664  | < 5 mg/l             |
| Total Dissolved Solids    | EPA 160.1 | 452 mg/l.            |
| Total Suspended Solids    | EPA160.2  | 11 mg/l              |
| Turbidity                 | EPA 180.1 | 10.2 NTU             |
| Nitrate as N              | EPA 300.0 | 17.8 mg/l            |
| Nitrite as N              | EPA 300.0 | Not tested           |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 ml >= |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=   |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >=   |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >=   |

**Pat-Chem Laboratories: Date Collected 2/08/08**

| Parameter                 | Method    | Result             |
|---------------------------|-----------|--------------------|
| Ammonia as N              | EPA 350-2 | 4.86 mg/l          |
| Biochemical Oxygen demand | EPA 405.1 | 17 mg/l            |
| Organic Nitrogen          | SM 4500N  | 1.65 mg/l          |
| Oil & Grease              | EPA 1664  | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1 | 244 mg/l           |
| Total Suspended Solids    | EPA160.2  | 16 mg/l            |
| Turbidity                 | EPA 180.1 | 7.6 NTU            |
| Nitrate as N              | EPA 300.0 | Not tested         |
| Nitrite as N              | EPA 300.0 | 0.57 mg/l          |
| Enterococcus              | SM 9230B  | 387.3 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >= |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected 2/14/08**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>       |
|---------------------------|---------------|---------------------|
| Ammonia as N              | EPA 350-2     | 5.92 mg/l           |
| Biochemical Oxygen demand | EPA 405.1     | 20 mg/l             |
| Organic Nitrogen          | SM 4500N      | 3.27 mg/l           |
| Oil & Grease              | EPA 1664      | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1     | 400 mg/l            |
| Total Suspended Solids    | EPA160.2      | 8 mg/l              |
| Turbidity                 | EPA 180.1     | 11.9 NTU            |
| Nitrate as N              | EPA 300.0     | 16.9 mg/l           |
| Nitrite as N              | EPA 300.0     | Not tested          |
| Enterococcus              | SM 9230B      | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E      | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E      | 1600 MPN/ ml >=     |
| E. Coli                   | SM9221E       | 1600 MPN/100ml >=   |

Pat-Chem Laboratories: Date Collected 2/29/08

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 12.6 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 20 mg/l             |
| Organic Nitrogen          | SM 4500N  | 4.64 mg/l           |
| Oil & Grease              | EPA 1664  | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1 | 460 mg/l            |
| Total Suspended Solids    | EPA160.2  | 14 mg/l             |
| Turbidity                 | EPA 180.1 | 13.4 NTU            |
| Nitrate as N              | EPA 300.0 | 14.5 mg/l           |
| Nitrite as N              | EPA 300.0 | not tested          |
| Enterococcus              | SM 9230B  | 1203.3 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E  | 2 MPN/100 ml >=     |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected 3/14/08**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>       |
|---------------------------|---------------|---------------------|
| Ammonia as N              | EPA 350-2     | 8.13 mg/l           |
| Biochemical Oxygen demand | EPA 405.1     | 9 mg/l              |
| Organic Nitrogen          | SM 4500N      | 11.9 mg/l           |
| Oil & Grease              | EPA 1664      | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1     | 588 mg/l            |
| Total Suspended Solids    | EPA160.2      | 12 mg/l             |
| Turbidity                 | EPA 180.1     | 9.6 NTU             |
| Nitrate as N              | EPA 300.0     | NOT TESTED          |
| Nitrite as N              | EPA 300.0     | 0.71mg/l            |
| Enterococcus              | SM 9230B      | 1553.1 MPN/100 ml > |
| Total Coliforms           | SM 9221E      | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E      | 1600 MPN/ ml >=     |

Laboratory Testing:

Pat-Chem Laboratories: Date Collected 5/02/08

| Parameter                 | Method    | Result              |
|---------------------------|-----------|---------------------|
| Ammonia as N              | EPA 350-2 | 10.2 mg/l           |
| Biochemical Oxygen demand | EPA 405.1 | 9 mg/l              |
| Organic Nitrogen          | SM 4500N  | 4.65 mg/l           |
| Oil & Grease              | EPA 1664  | < 5 mg/l            |
| Total Dissolved Solids    | EPA 160.1 | 452 mg/l            |
| Total Suspended Solids    | EPA160.2  | 6 mg/l              |
| Turbidity                 | EPA 180.1 | 4.2 NTU             |
| Nitrate as N              | EPA 300.0 | 18.0 mg/l           |
| Nitrite as N              | EPA 300.0 | 0.88mg/l            |
| Enterococcus              | SM 9230B  | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E  | 1600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E  | 1600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E  | 1600 MPN/ ml >=     |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected 5/28/08**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>      |
|---------------------------|---------------|--------------------|
| Ammonia as N              | EPA 350-2     | 16 mg/l            |
| Biochemical Oxygen demand | EPA 405.1     | 12 mg/l            |
| Organic Nitrogen          | SM 4500N      | 1.84 mg/l          |
| Oil & Grease              | EPA 1664      | < 5 mg/l           |
| Total Dissolved Solids    | EPA 160.1     | 436 mg/l           |
| Total Suspended Solids    | EPA160.2      | < 5 mg/l           |
| Turbidity                 | EPA 180.1     | 4.2 NTU            |
| Nitrate as N              | EPA 300.0     | 9.30 mg/l          |
| Nitrite as N              | EPA 300.0     | 0.08 mg/l          |
| Enterococcus              | SM 9230B      | < 1.0 MPN/100 ml > |
| Total Coliforms           | SM 9221E      | 2 MPN/100 ml >=    |
| E. Coli                   | SM 9221E      | 2 MPN/100 ml >=    |
| Fecal Coliforms           | SM 9221E      | 2 MPN/ ml >=       |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected June 2, 2008**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>        |
|---------------------------|---------------|----------------------|
| Ammonia as N              | EPA 350-2     | 1.22 mg/l            |
| Biochemical Oxygen demand | EPA 405.1     | 47 mg/l              |
| Organic Nitrogen          | SM 4500N      | 3.37 mg/l            |
| Oil & Grease              | EPA 1664      | < 5 mg/l             |
| Total Dissolved Solids    | EPA 160.1     | 492 mg/l             |
| Total Suspended Solids    | EPA160.2      | 15 mg/l              |
| Turbidity                 | EPA 180.1     | 14.4 NTU             |
| Nitrate as N              | EPA 300.0     | 1.91 mg/l            |
| Nitrite as N              | EPA 300.0     | 0.05 mg/l            |
| Enterococcus              | SM 9230B      | 2,419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E      | 1,600 MPN/100 ml >=  |
| E. Coli                   | SM 9221E      | 1,600 MPN/100 ml >=  |
| Fecal Coliforms           | SM 9221E      | 1,600 MPN/ ml >=     |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected June 9, 2008**

| Parameter                 | Method    | Result         |
|---------------------------|-----------|----------------|
| Ammonia as N              | EPA 350-2 | 10.6 mg/l      |
| Biochemical Oxygen demand | EPA 405.1 | 10 mg/l        |
| Organic Nitrogen          | SM 4500N  | 2.06 mg/l      |
| Oil & Grease              | EPA 1664  | < 5 mg/l       |
| Total Dissolved Solids    | EPA 160.1 | 544 mg/l       |
| Total Suspended Solids    | EPA160.2  | < 5 mg/l       |
| Turbidity                 | EPA 180.1 | 5.0 NTU        |
| Nitrate as N              | EPA 300.0 | 17.0 mg/l      |
| Nitrite as N              | EPA 300.0 | 1.16 mg/l      |
| Enterococcus              | SM 9230B  | 5.2 MPN/100 ml |
| Total Coliforms           | SM 9221E  | 23 MPN/100 ml  |
| E. Coli                   | SM 9221E  | 8 MPN/100 ml   |
| Fecal Coliforms           | SM 9221E  | 13 MPN/ ml     |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected September 17, 2008**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>      |
|---------------------------|---------------|--------------------|
| Biochemical Oxygen demand | EPA 405.1     | 12 mg/l            |
| Total Dissolved Solids    | EPA 160.1     | 532 mg/l           |
| Total Suspended Solids    | EPA160.2      | 25 mg/l            |
| Turbidity                 | EPA 180.1     | 9.9 NTU            |
| Nitrate as N              | EPA 300.0     | 14.9 mg/l          |
| Nitrite as N              | EPA 300.0     | 0.64 mg/l          |
| Enterococcus              | SM 9230B      | 2419.2 MPN/100 ml  |
| Total Coliforms           | SM 9221E      | 1600 MPN/100 ml >= |
| E. Coli                   | SM 9221E      | 1600 MPN/100 ml >= |
| Fecal Coliforms           | SM 9221E      | 1600 MPN/ ml >=    |

**Laboratory Testing:**

**Pat-Chem Laboratories: Date Collected November 5, 2008**

| <b>Parameter</b>       | <b>Method</b>   | <b>Result</b>         |
|------------------------|-----------------|-----------------------|
| <b>Enterococcus</b>    | <b>SM 9230B</b> | <b>9.8 MPN/100 ml</b> |
| <b>Total Coliforms</b> | <b>SM 9221E</b> | <b>17 MPN/100 ml</b>  |
| <b>E. Coli</b>         | <b>SM 9221E</b> | <b>8 MPN/100 ml</b>   |
| <b>Fecal Coliforms</b> | <b>SM 9221E</b> | <b>8 MPN/ ml</b>      |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected December 5, 2008**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>     |
|---------------------------|---------------|-------------------|
| Ammonia as N              | EPA 350-2     | 12.7 mg/l         |
| Biochemical Oxygen demand | EPA 405.1     | 14 mg/l           |
| Organic Nitrogen          | SM 4500N      | 8 mg/l            |
| Oil & Grease              | EPA 1664      | 10 mg/l           |
| Total Dissolved Solids    | EPA 160.1     | 500 mg/l          |
| Total Suspended Solids    | EPA160.2      | 37 mg/l           |
| Turbidity                 | EPA 180.1     | 23.2 NTU          |
| Nitrate as N              | EPA 300.0     | 2.50 mg/l         |
| Nitrite as N              | EPA 300.0     | 0.19 mg/l         |
| Enterococcus              | SM 9230B      | 2419.2 MPN/100 ml |
| Total Coliforms           | SM 9221E      | 170 MPN/100 ml    |
| E. Coli                   | SM 9221E      | 70 MPN/100 ml     |
| Fecal Coliforms           | SM 9221E      | 70 MPN/ ml        |

**Laboratory Testing:**

**Pat-Chem Laboratories: Date Collected December 12, 2008**

| <b>Parameter</b>       | <b>Method</b>   | <b>Result</b>                          |
|------------------------|-----------------|--|
| <b>Enterococcus</b>    | <b>SM.9230B</b> | <b>2419.2 MPN/100 ml</b>               |
| <b>Total Coliforms</b> | <b>SM 9221E</b> | <b>80 MPN/100 ml</b>                   |
| <b>E. Coli</b>         | <b>SM 9221E</b> | <b>30 MPN/100 ml <math>\geq</math></b> |
| <b>Fecal Coliforms</b> | <b>SM 9221E</b> | <b>30 MPN/ ml <math>\geq</math></b>    |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected December 19, 2088**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>       |
|---------------------------|---------------|---------------------|
| Ammonia as N              | EPA 350-2     | 13.1 mg/l           |
| Biochemical Oxygen demand | EPA 405.1     | 12 mg/l             |
| Organic Nitrogen          | SM 4500N      | 3.90 mg/l           |
| Total Dissolved Solids    | EPA 160.1     | 444 mg/l            |
| Total Suspended Solids    | EPA160.2      | 11 mg/l             |
| Turbidity                 | EPA 180.1     | 8.6 NTU             |
| Nitrate as N              | EPA 300.0     | 9.68 mg/l           |
| Nitrite as N              | EPA 300.0     | 0.82 mg/l           |
| Enterococcus              | SM 9230B      | 2419.2 MPN/100 ml > |
| Total Coliforms           | SM 9221E      | 13 MPN/100 ml       |
| E. Coli                   | SM 9221E      | < 2 MPN/100 ml      |
| Fecal Coliforms           | SM 9221E      | < 2 MPN/ ml         |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected December 24, 2008**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>  |
|---------------------------|---------------|----------------|
| Ammonia as N              | EPA 350-2     | 13.0 mg/l      |
| Biochemical Oxygen demand | EPA 405.1     | 10 mg/l        |
| Organic Nitrogen          | SM 4500N      | 2.10 mg/l      |
| Total Dissolved Solids    | EPA 160.1     | 380 mg/l       |
| Total Suspended Solids    | EPA160.2      | 6 mg/l         |
| Turbidity                 | EPA 180.1     | 9.3 NTU        |
| Nitrate as N              | EPA 300.0     | 15.7 mg/l      |
| Nitrite as N              | EPA 300.0     | 0.66 mg/l      |
| Enterococcus              | SM 9230B      | 7.4 MPN/100 ml |
| Total Coliforms           | SM 9221E      | 50 MPN/100 ml  |
| E. Coli                   | SM 9221E      | 50 MPN/100 ml  |
| Fecal Coliforms           | SM 9221E      | 50 MPN/ ml     |

**Laboratory Testing:****Pat-Chem Laboratories: Date Collected, 2008**

| <b>Parameter</b>          | <b>Method</b> | <b>Result</b>  |
|---------------------------|---------------|----------------|
| Ammonia as N              | EPA 350-2     | 13.0 mg/l      |
| Biochemical Oxygen demand | EPA 405.1     | 10 mg/l        |
| Organic Nitrogen          | SM 4500N      | 2.10 mg/l      |
| Total Dissolved Solids    | EPA 160.1     | 380 mg/l       |
| Total Suspended Solids    | EPA 160.2     | 6 mg/l         |
| Turbidity                 | EPA 180.1     | 9.3 NTU        |
| Nitrate as N              | EPA 300.0     | 15.7 mg/l      |
| Nitrite as N              | EPA 300.0     | 0.66 mg/l      |
| Enterococcus              | SM 9230B      | 7.4 MPN/100 ml |
| Total Coliforms           | SM 9221E      | 50 MPN/100 ml  |
| E. Coli                   | SM 9221E      | 50 MPN/100 ml  |
| Fecal Coliforms           | SM 9221E      | 50 MPN/ ml     |

**EFFLUENT MONTHLY DISCHARGING AND MEAN USAGE:**

| <b>MONTH 200726, 2007</b>                                 | <b>TOTAL GALLONS</b> | <b>DAILY MEAN USAGE</b> |
|---|----------------------|-------------------------|
| September- meter installed 9/26/07- five day reading only | 99,285 GALS.         | 24,821.25 GALLONS       |
| October 1 to 31, 2007                                     | 769,367 GALLONS      | 24,818.29 GALLONS       |
| November 1 to 30, 2007                                    | 875,600 GALLONS      | 29,186.66 GALLONS       |
| December 1 to 31, 2007                                    | 1,263,200 GALLONS    | 40,748 GALLONS          |
| January 1 to 31, 2008                                     | 1,380,144 GALLONS    | 44,520 GALLONS          |
| February 1 to 29, 2008                                    | 1,451,856 GALLONS    | 50,064 GALLONS          |
| March 1 to 30, 2008                                       | 1,377,500 GALLONS    | 44,436 GALLONS          |
| April 1 to 30, 2008                                       | 1,335,885 GALLONS    | 44,520 GALLONS          |
| May 1 to 31, 2008   | 1,242,495 GALLONS    | 40,080 GALLONS          |
| June 1 to 30, 2008  | 1,208,700 GALLONS    | 40,290 GALLONS          |
| JULY 1 TO 31, 2008  | 1,145,812 GALLONS    | 36,962 GALLONS          |
| August 1 to 31, 2008                                      | 995,488 GALLONS      | 32,113 GALLONS          |
| September 1 to 30, 2008                                   | 1,059,733 GALLONS    | 35,324, GALLONS         |
| October 1 to 31, 2008                                     | 1,140,267 GALLONS    | 36,783 GALLONS          |
| November 1 to 30, 2008                                    | 1,046,291 GALLONS    | 34,876 GALLONS          |
| December. 1 to 31, 2008                                   | 1,055,497 GALLONS    | 34,048 GALLONS          |