

RECORD OF PROCEEDINGS

MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE BACA GRANDE WATER AND SANITATION DISTRICT HELD FEBRUARY 15, 2013

A Regular Meeting of the Board of Directors of the Baca Grande Water and Sanitation District (referred to hereafter as "Board") was held on Friday, the 15th day of February, 2013, at 8:00 a.m. at the offices of the District, BGWS&D Shop, 57 Baca Grant Way South, Crestone, Colorado. The meeting was open to the public.

ATTENDANCE

Directors In Attendance Were:

Vicki Matthews
Martin Macaulay
Cindy Reinhardt
Kyle Grote

Following discussion, upon motion duly made by Director Reinhardt, seconded by Director Grote and, upon vote, unanimously carried, the absence of Parvin J. Johnson, Sr., was excused.

Also In Attendance Were:

AJ Beckman and Lindsay Ross (via speakerphone for a portion of the meeting);
Special District Management Services, Inc.

Jennifer Gruber Tanaka, Esq.; White, Bear & Ankele P.C.

Marcus Lock, Esq. (for a portion of the meeting); Bratton Hill Wilderson &
Lock, LLC – Via speakerphone

Steven Harrell; District General Manager

Michael Scully; Member of the public

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DISCLOSURE OF POTENTIAL CONFLICTS OF INTEREST

Disclosure of Potential Conflicts of Interest: The Board discussed the requirements pursuant to the Colorado Revised Statutes to disclose any potential conflicts of interest or potential breaches of fiduciary duty to the Board of Directors and to the Secretary of State. Attorney Tanaka noted that conflicts were filed for applicable Directors at least 72 hours prior to the meeting. Mr. Beckman noted that a quorum was present and requested members of the Board to disclose any potential conflicts of interest with regard to any matters scheduled for discussion at this meeting. No further conflicts were disclosed.

ADMINISTRATIVE MATTERS

Agenda: Mr. Beckman reviewed the proposed agenda for the District's Regular Board meeting.

Following discussion, upon motion duly made by Director Reinhardt, seconded by Director Grote and, upon vote, unanimously carried, the Agenda was approved, as amended.

Consent Agenda: The Board considered the following actions:

- Approve Minutes from the January 18, 2013 Regular Meeting and the January 30, 2013 Special Meeting.
- Accept revised financial statements for the period ending December 31, 2012 and current schedule of cash position.
- Acknowledge Engineer's Report.

Ms. Ross joined the meeting at this point and reviewed the revised December 31, 2012 financial statements, schedule of cash position and cash flow projection with the Board.

It was noted that there was no Operations Report for review by the Board.

Following discussion, upon motion duly made by Director Reinhardt, seconded by Director Macaulay and, upon vote, unanimously carried, the Board reviewed, approved and accepted the above items.

Employee Training: The Board discussed the need for employee training concerning billing matters.

Following discussion, upon motion duly made by Director Reinhardt, seconded by Director Grote and, upon vote, unanimously carried, the Board authorized Ms. Ross and Mr. Beckman to travel to the District Office and assist with training and review internal procedures.

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PUBLIC COMMENT **Public Comment:** There was no public comment.

OPERATIONS

Corrosion Control Study: Mr. Harrell reported that the first set of samples from the pipe loop rig have been sent to McLaughlin Engineering, Ltd. ("McLaughlin") for the testing process. He reported that to date, approximately fifty samples have been taken using the pipe loop rig and that it is expected that another twenty additional tests will be taken using the system. Mr. Harrell further reported that the pH is approximately 7.5 which is the target level and that the tests are on schedule with the Colorado Department of Public Health and Environment.

**CAPITAL
IMPROVEMENTS**

Second Amendment to Independent Contractor Agreement between the District and Timber Line Electric & Control Corporation ("Timber Line") for Software Additions and Telemetry Reprogramming Services ("Second Amendment"): Mr. Harrell reported that Timber Line is revising the scope of work for the proposed Second Amendment but that the work required is approximately \$3,400.00 and suggests that the Board approve the Second Amendment subject to Mr. Beckman and Mr. Simons being in agreement that the scope of work and cost for the proposed Second Amendment is reasonable. The Board directed Mr. Harrell to request and obtain the revised scope of work for the Second Amendment from Timber Line and forward it to Mr. Beckman and Mr. Simons for review.

Following discussion, upon motion duly made by Director Macaulay, seconded by Director Matthews and, upon vote, unanimously carried, the Board approved the Second Amendment, subject to review and concurrence by Mr. Beckman and Mr. Simons.

Mr. Harrell noted for the Board that the work Timber Line was originally engaged for is nearly complete.

Ortho-Polyphosphate ("OPP) Testing: The Board discussed the request by Mr. Lloyd for OPP Testing.

Following discussion, the Board determined to review the information forwarded by Mr. Lloyd and directed Mr. Beckman prepare a response to Mr. Lloyd for review by the Board.

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FINANCIAL MATTERS

Claims: Mr. Beckman reviewed the payment of claims with the Board through the period ending February 15, 2013 totaling \$88,854.65.

Following review and discussion, upon motion duly made by Director Macaulay, seconded by Director Grote and, upon vote, unanimously carried, the Board approved the payment of the claims for the period ending February 15, 2013 totaling \$88,854.65, as presented.

LEGAL MATTERS

Hiring Procedures: Attorney Tanaka reviewed the First Amendment to the 2013 Employee Handbook with the Board which provides, *inter alia*, that all hiring decisions will be made by the Board.

Following discussion, upon motion duly made by Director Macaulay, seconded by Director Grote and, upon vote, unanimously carried, the Board approved the First Amendment to the 2013 Employee Handbook.

EXECUTIVE SESSION

Personnel Matters, Matters subject to Negotiation with Third Parties, Personnel Matters and Matters Subject to Legal Advice: EXECUTIVE SESSION: Pursuant to Sections 24-6-402(4) (b), (e) and (f), C.R.S., upon motion duly made by Director Macaulay, seconded by Director Reinhardt and, upon an affirmative vote of at least two-thirds of the quorum present, the Board convened in executive session at 10:15 a.m. for the purpose of discussions relating to personnel matters, negotiations with third parties and receiving legal advice as authorized by Sections 24-6-402(4)(b), (e) and (f), C.R.S.

Furthermore, pursuant to Section 24-6-402(2)(d.5) (II)(B), C.R.S., no record will be kept of those portions of the executive session that, in the opinion of the District's attorney, constitute privileged attorney-client communication pursuant to Section 24-6-402(4)(b), C.R.S.

The Board reconvened in regular session at 11:46 a.m.

Following discussion, upon motion duly made by Director Reinhardt, seconded by Director Matthews and, upon vote, unanimously carried, the Board approved the hiring procedures presented by Mr. Beckman.

OTHER BUSINESS

Crestone Eagle Article for March 2013 Publication: Director Reinhardt reported that she will prepare the March 2013 Crestone Eagle Article based on information discussed at the Board Retreat highlighting accomplishments and goals of the District.

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Greenway Property: Director Macaulay reported that certain members of the public have expressed concern regarding payment by the District for an easement over the Greenway Property for water and sewer lines. Following discussion, the Board determined to address the matter if concerned members of the public attend a Board meeting or request a response from the District.

ADJOURNMENT

Upon motion duly made, seconded and, upon vote, unanimously carried, the meeting was adjourned.


Respectfully submitted,

By _____
Secretary for the Meeting


THESE MINUTES ARE APPROVED AS THE OFFICIAL
FEBRUARY 15, 2013 MINUTES OF THE BACA GRANDE WATER AND
SANITATION DISTRICT BY THE BOARD OF DIRECTORS SIGNING
BELOW:



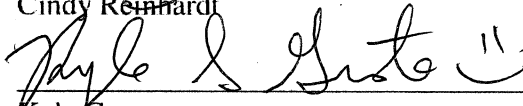
Vicki Matthews



Martin Macaulay



Cindy Reinhardt



Kyle Grote

Parvin J. Johnson, Sr.

RECORD OF PROCEEDINGS

ATTORNEY STATEMENT

Pursuant to §24-6-402(2)(d.5)(II)(B), C.R.S., I attest that, in my capacity as the attorney representing the Baca Grande Water and Sanitation District, I attended the executive session convened on February 15, 2013 for the sole purpose of discussing matters subject to negotiation with third parties, personnel matters and matters seeking legal advice, as authorized by §§24-6-402(4)(b), (e) and (f), C.R.S. I further attest that it is my opinion that a portion of the executive session discussion constituted attorney-client privileged communication as provided by §24-6-402(4)(b), C.R.S., and, based on that opinion, no further record, written or electronic, was kept or required by be kept pursuant to §24-6-402(2)(d.5)(II)(B), C.R.S.

Jennifer Gruber Tanaka, Esq.
General Counsel
Baca Grande Water and Sanitation District

MEMO

To: AJ Beckman, District Manager
From: Brad Simons
Date: February 7, 2013
Re: Engineer's Report – February 15, 2013 Board Meeting
CC: Steven Harrell, General Manager

I do not plan to attend this month's Board meeting to present these items. I will be traveling the morning of the Board meeting, but should be available around 11:30 (MST) by cell phone to discuss any topics that may arise.

Supplemental Environmental Project Support – On January 7, 2013, Aly Moores, Enforcement Specialist for the Water Quality Control Division, indicated the SEP proposal for the Reed Bed Project is still under review and requested additional information regarding the species of the reed proposed and the contingency plan in the event the beds are not performing to satisfaction. On February 7, 2013, Olsson provided a response to Ms. Moores' inquiry to AJ Beckman via e-mail. A copy of that e-mail is attached to this report.

Lift Station Site Applications – The current schedule for each lift station is tabulated below.

| | Dharma Ocean | Stables |
|---|--------------|-----------|
| Submit form and report to District for review | COMPLETED | COMPLETED |
| Submit form and report to County for recommendation of approval | COMPLETED | COMPLETED |
| Confirm pump data via pump test or impeller inspection | COMPLETED | N/A |
| Post the site as required | COMPLETED | COMPLETED |
| Submit form and report to CDPHE for approval | 12/06/12 | 12/17/12 |
| Receive site location approval from CDPHE | PENDING | PENDING |

On January 31, 2013, CDPHE requested additional information associated with each lift station's site application. Copies of these requests are attached to this report. Olsson is developing the appropriate response for each request.

SCADA/Telemetry Project – The majority of the work has been completed and Steven Harrell reported to Olsson on February 5, 2013 that the reprogramming is working as expected. In response to a February 3, 2013 e-mail from Timber Line Electric and Control Corporation (TLECC) regarding additional work and fees, Olsson met with TLECC on February 6, 2013 at the request of Steven Harrell. The purpose of the meeting was to discuss TLECC's request and gain a better understanding of the basis of the request. TLECC is to assemble additional information regarding the additional work and fees.

Again, I do not plan to attend this month's Board meeting to present these items but can discuss any topics that may arise by cell phone (720-234-8398).

Brad Simons

From: Brad Simons
Sent: Thursday, February 07, 2013 4:47 PM
To: 'AJ Beckman'; Jennifer Gruber Tanaka (jtanaka@wbapc.com); Steve Harrell
Subject: RE: Baca Grande Water and Sanitation District - SEP Proposal
Attachments: Recommended wetland species

Importance: High

AJ:

I was able to speak with Scott Davis, of Constructed Wetlands Group, on Wednesday regarding Aly's questions. Scott had been awaiting information from a couple of associates, but based upon our conversation, Scott had Fred Weller, CWG's Project Manager, send me the attached e-mail. In summary:

- CWG will be utilizing the "native" North American genotype of a common reed. The genotype is *Phragmites australis americanus*.
- The majority of CWG's reed bed facilities have recycled their residual biosolids as Class "B" material, but in recent years, CWG has established protocols whereby the evacuated residual biosolids are placed in a staging area on-site (i.e. asphalt pad) and then covered for periods up to two years with a plastic material. The primary reason for following this protocol is to provide opportunity for the biosolids to desiccate and create enough heat under the cover for total plant mortality. As a result of this extended down time a number of the reed bed facilities have been able to obtain Class "A" biosolids. Appomattox, Virginia achieved Class A status and gave their residual biosolids away. Salem, Missouri and Blairsville, Pennsylvania also achieved Class A status. Also, a number of CWG's facilities have land applied the solids, and a few have been successful in beneficial use of the material (i.e. residual material used as cover at solid waste landfill).
 - In the event the residuals do need to be hauled off, the state of the material (i.e. significantly increased solids concentration), will result in reduced hauling costs over the current practice of hauling wet sludge.

Brad

From: AJ Beckman [mailto:abeckman@sdmsi.com]
Sent: Monday, January 07, 2013 3:05 PM
To: Brad Simons; Jennifer Gruber Tanaka (jtanaka@wbapc.com); Steve Harrell
Subject: FW: Baca Grande Water and Sanitation District - SEP Proposal

FYI – Alysia just emailed me. Brad can you address the questions below? Thanks!

AJ Beckman

Special District Management
Services Inc.
141 Union Boulevard, Suite 150
Lakewood CO 80228-1898
Tel: (303) 987-0835
Fax: (303) 987-2032

From: Moores - CDPHE, Alysia [mailto:alysia.moores@state.co.us]
Sent: Monday, January 07, 2013 2:05 PM

To: AJ Beckman
Subject: Re: Baca Grande Water and Sanitation District - SEP Proposal

Hi AJ,

The SEP proposal is still under review, however, there are some follow up questions that require your help in clarifying.

1. What is the exact species of reed being used in the reed beds?
 - o There are some concerns as to whether the reeds will work in the Valley and also the question as to whether the reeds are considered a noxious weed/invasive species in Colorado.
2. If the reed beds don't perform as well as anticipated (i.e. don't produce Class A sludge), what is the backup plan for the sludge? Further treatment to meet Class A requirements, hauling offsite?

I am setting up a meeting with the group reviewing the proposal this week (hopefully if schedules mesh) or first thing next week and the information above would be helpful for further review.

Thanks for your help,

Aly Moores
Enforcement Specialist
Clean Water Compliance & Enforcement
Water Quality Control Division
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3163 | alysia.moores@state.co.us
Fax: 303-782-0390

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1-877-518-5608**

Water Quality Control Division

Submit your DMRs (Discharge Monitoring Reports) Electronically!

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For more information contact the Division at (303) 691-4046.



On Mon, Jan 7, 2013 at 10:01 AM, AJ Beckman <abeckman@sdmsi.com> wrote:

Hello Alysia,

Is there anything new to report on the status of Baca Grande's SEP proposal? Please let me know, thanks!

AJ Beckman

Special District Management

Services Inc.

141 Union Boulevard, Suite 150

Lakewood CO. 80228-1898

Tel: (303) 987-0835

Fax: (303) 987-2032

From: Moores, Alysia [<mailto:alysia.moores@state.co.us>]
Sent: Wednesday, November 07, 2012 1:53 PM
To: AJ Beckman
Subject: Re: Baca Grande Water and Sanitation District - SEP Proposal

Hi AJ,

Sorry for the delayed response, I've been out of the office and we're going through some major transitions in our unit currently. I have received the SEP proposal you submitted by mail. Currently it is under review and working its way through the process, though I have no estimated time frame on when that process will be completed.

Currently the compliance and enforcement unit sees no reason the proposed project would be denied. That being said, as a result of the SEP offsetting a penalty of greater than \$50,000.00 it must be approved by the executive director of CDPHE. I will keep you posted on any developments as they evolve and the approval process moves along.

Sincerely;

Aly Moores
Enforcement Specialist
Clean Water Compliance & Enforcement

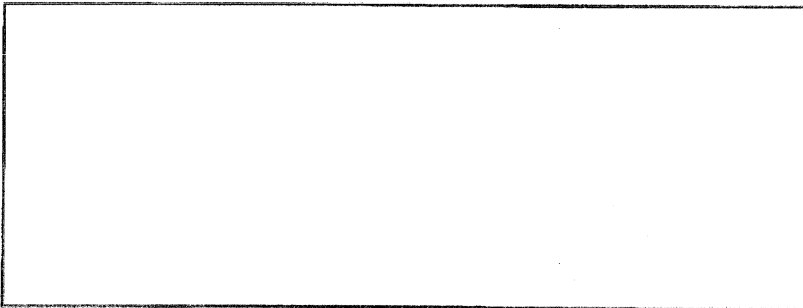
Water Quality Control Division
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, CO 80246-1530
Phone: 303-692-3163 | alysia.moores@state.co.us

Fax: 303-782-0390

**24-hr Environmental
Release/Incident Report Line:**

1-877-518-5608

Water Quality Control Division



On Wed, Oct 31, 2012 at 7:55 AM, AJ Beckman <abeckman@sdmsi.com> wrote:

Hello Alysia,

Just checking on the status of this. Do you now when I might hear back from you as to whether it has been approved? Please let me know, thanks!

AJ Beckman

Special District Management

Services Inc.

141 Union Boulevard, Suite 150

Lakewood CO. 80228-1896

Tel: (303) 987-0835

Fax: (303) 987-2032

From: AJ Beckman

Sent: Tuesday, October 16, 2012 11:49 AM

To: Moores, Alysia K. (Alysia.Moores@dphe.state.co.us)

Cc: Michael Emming (memming@oaconsulting.com); Brad Simons (bsimons@olssonassociates.com); Steve Harrell; Jennifer Gruber Tanaka (itanaka@wbapc.com); andrew.rice@state.co.us

Subject: Baca Grande Water and Sanitation District - SEP Proposal

Hello Alysia,

Please find attached the completed SEP Proposal for Baca Grande Water and Sanitation District. A hard copy will follow by regular mail. I look forward to hearing back from you regarding approval by the CDPHE. Please let me know if you need anything further. Thank you for all of your help thorough this process.

AJ Beckman

Special District Management

Services Inc.

141 Union Boulevard, Suite 150

Lakewood CO. 80228-1898

Tel: (303) 987-9835

Fax: (303) 987-2032

Brad Simons

From: Fred Weller <fweller@reedbed.com>
Sent: Thursday, February 07, 2013 10:26 AM
To: Brad Simons
Cc: Andrea Bollinger; sdavis@reedbed.com; bgross@reedbed.com; hartan.davis@reedbed.com
Subject: Recommended wetland species

Good morning Brad & Andrea,

We will be utilizing the "native" North American genotype of the common reed at the Baca Grande WWTF. The genotype is *Phragmites australis americanus*.

The majority of our reed bed facilities have recycled their residual biosolids as Class "B" material. In recent years we have established protocols whereby the evacuated residual biosolids are placed in a staging area on-site and then covered for periods up to two years.

The primary reason for following this protocol is to provide opportunity for the biosolids to desiccate and create enough heat under the cover for total plant mortality. As a result of this extended down time a number of our reed bed facilities have been able to obtain Class "A" biosolids. Appomattox, Virginia achieved Class A status and gave their residual biosolids away. Salem, Missouri and Blairsville, PA also achieved Class A status.

The majority of our reed bed facilities have landfilled their residual biosolids. A number of our clients have land applied their solids, and a few have been successful in beneficial use of the material. (Residual material used as cover at solid waste landfill, one Pennsylvania facility disposed of their material on a mine land reclamation area.

Please feel free to contact us if you have any additional questions.

Sincerely,
CWG, INC.

Fred Weller
Project Manager

998C Old Country Road
Plainview, NY 11803
toll free: (866) 599-2714
fax: (888) 843-6479

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Brad Simons

From: Fred Weller <fweller@reedbed.com>
Sent: Thursday, February 07, 2013 10:26 AM
To: Brad Simons
Cc: Andrea Bollinger; sdavis@reedbed.com; bgross@reedbed.com; harlan.davis@reedbed.com
Subject: Recommended wetland species

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The primary reason for following this protocol is to provide opportunity for the biosolids to desiccate and create enough heat under the cover for total plant mortality. As a result of this extended down time a number of our reed bed facilities have been able to obtain Class "A" biosolids. Appomattox, Virginia achieved Class A status and gave their residual biosolids away. Salem, Missouri and Blairsville, PA also achieved Class A status.

The majority of our reed bed facilities have landfilled their residual biosolids. A number of our clients have land applied their solids, and a few have been successful in beneficial use of the material. (Residual material used as cover at solid waste landfill, one Pennsylvania facility disposed of their material on a mine land reclamation area.

Please feel free to contact us if you have any additional questions.

Sincerely,
CWG, INC.

Fred Weller
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STATE OF COLORADO

John W. Hickenlooper, Governor
Christopher E. Urbina, MD, MPH
Executive Director and Chief Medical Officer

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Phone (303) 692-2000 Denver, Colorado 80230-6928
Located in Glendale, Colorado (303) 692-3090
<http://www.cdphe.state.co.us>



Colorado Department
of Public Health
and Environment

January 31, 2013

Steven Harrell, General Manager
Baca Grande Water and Sanitation District
P.O. Box 520
Crestone, CO 81131-0520

Subject: Request for Information - Site Location Application
Baca Grande Water and Sanitation District, Dharma Ocean Lift Station
Associated WWTP Colorado Discharge Permit System (CDPS) No. CO-0046914
Saguache County

Dear Mr. Harrell:

The Water Quality Control Division (Division) has reviewed the Dharma Ocean Lift Station Site Application submission by Olsson Associates on behalf of the Baca Grande Water and Sanitation District. Based on the Division's initial review, the site location application does not meet the requirements of the Water Quality Control Commission *Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works 5 CCR 1002-22* (Regulation 22) and cannot be approved at this time. For additional information, please refer to the *Guidance Document for the Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works 5 CCR 1002-22* (Guidance Document).

The review process for this project has been placed on hold pending resolution of the following issues:

1. Regulation 22, Section 22.7(1)(c) requires that service area for the lift station be addressed in the site application engineering report, including providing flow/loading projections showing projected flow and loading over the following 20 years. Please provide additional clarification regarding the following:
 - a. The site location application indicates a proposed BOD₅ loading to the Dharma Ocean lift station of 20.8 lbs/day, based upon 0.15 lbs BOD₅/person/day. The total future population is indicated as 92 people (46 rooms * 2 people/room), which would equate to a BOD₅ load of 13.8 lbs/day. Please clarify the proposed total future population and BOD₅ load to the lift station.
 - b. The site location application indicates a proposed influent maximum month flow of 10,350 gallons per day (gpd), and a peak hourly flow of 24,150 gpd. Per Regulation 22, Section 22.2 (7), the design capacity of a lift station is defined by the peak hourly flow that the facility is capable of conveying. The submittal does not appear to detail the firm pumping capacity, and thus the peak hourly hydraulic capacity of the lift station. Please clarify the pumping capacity of the lift station.
2. Regulation 22, Section 22.7(1)(f)(ii) requires the site application engineering report to provide confirmation that the receiving facilities are not receiving wastes in excess of its design capacity as defined in its site location approval and/or discharge permit. The engineering report appears to indicate that the downstream facility will be the Wagon Wheel lift station; however, the engineering report does not appear to provide information regarding how the flows from the Dharma Ocean lift station will affect the Wagon Wheel lift station's ability to handle current and future flows from the Dharma Ocean lift

station along with the remainder of the Wagon Wheel lift station's service area. Please provide additional information demonstrating that the Wagon Wheel lift station is capable of handling flows from the entire service area without exceeding its design capacity as defined in its site location approval (Site Application No. 5099, dated June 17, 2010). In addition, please identify all of the current and future contributing flows to the Wagon Wheel lift station, including those contributed from the Dharma Ocean lift station as well as the rest of the service area.

Please submit a written response to this letter that addresses the identified issues. Following receipt of your response submission, the Division will resume review work on the project. Thank you for your time and cooperation in this matter. Please contact me by telephone at 303.692.6276 or by electronic mail at Jeffrey.Hlad@state.co.us if you have any questions.

Sincerely,



Jeffrey Hlad, P.E.
Senior Review Engineer
Engineering Section
Water Quality Control Division
Colorado Department of Public Health and Environment

cc: Della Vieira, Saguache County Public Health
Wendi Maez, Saguache County Public Health
Andrea Bollinger, Olsson Associates
Colorado Discharge Permit System No. CO-0046914

Doug Camrud, WQCD ES Engineering Review Unit Manager

STATE OF COLORADO

John W. Hickenlooper, Governor
Christopher E. Urbina, MD, MPH
Executive Director and Chief Medical Officer

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<http://www.cdphs.state.co.us>



Colorado Department
of Public Health
and Environment

January 31, 2013

Steven Harrell, General Manager
Baca Grande Water and Sanitation District
P.O. Box 520
Crestone, CO 81131-0520

Subject: Request for Information - Site Location Application
Baca Grande Water and Sanitation District, Stables Lift Station
Associated WWTF Colorado Discharge Permit System (CDPS) No. CO-0046914
Saguache County

Dear Mr. Harrell:

The Water Quality Control Division (Division) has reviewed the Stables Lift Station Site Application submission by Olsson Associates on behalf of the Baca Grande Water and Sanitation District. Based on the Division's initial review, the site location application does not meet the requirements of the Water Quality Control Commission *Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works 5 CCR 1002-22* (Regulation 22) and cannot be approved at this time. For additional information, please refer to the *Guidance Document for the Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works 5 CCR 1002-22* (Guidance Document).

The review process for this project has been placed on hold pending resolution of the following issues:


1. Regulation 22, Section 22.7(1) (c) requires that service area for the lift station be addressed in the site application engineering report, including providing flow/loading projections showing projected flow and loading over the following 20 years. Please provide additional clarification regarding the following:
 - a. The site location application indicates a proposed BOD₅ loading to the Stables lift station of 445 lbs/day, based upon 0.15 lbs BOD₅/person/day for the spiritual lodge, and 250 mg/L for residential flows. Based upon the spiritual lodge assuming 72 people at 0.15 lbs BOD₅/day (10.8 lbs/day), and 250 mg/L applied to a maximum month flow of 65,010 gallons per day (gpd) from residential flows (135.5 lbs/day), there appears to be 299 lbs/day attributed to the Wagon Wheel lift station. At 250 mg/L, this appears to equate to a flow that exceeds the capacity of the Wagon Wheel lift station. Please clarify the proposed total future population and BOD₅ load to the Stables lift station.
 - b. The site location application indicates a proposed influent maximum month flow of 209,000 gpd, and a peak hourly flow of 488,000 gpd. Per Regulation 22, Section 22.2(7), the design capacity of a lift station is defined by the peak hourly flow that the facility is capable of conveying. The submittal does not appear to detail the firm pumping capacity, and thus the peak hourly hydraulic capacity of the lift station. Please clarify the pumping capacity of the lift station.
2. Regulation 22, Section 22.7(1) (f) (ii) requires the site application engineering report to provide confirmation that the receiving facilities are not receiving wastes in excess of its design capacity as

defined in its site location approval and/or discharge permit, or is under construction. Please provide additional clarification regarding the following:

- a. The engineering report appears to indicate that the downstream receiving facility will be the Aspen Institute WWTF. The engineering report does not appear to provide information regarding how the flows from the Stables lift station will affect the overall capacity of the Aspen Institute WWTF, including consideration of the flows from the remainder of the service area (Mobile Home Estates/Casita Park lift station, other residential, etc.). Please provide additional information that details all of the flows contributing to the Aspen Institute WWTF, as well as information that shows the facility is capable of treating its entire service area, including current and future flows.
 - b. The Aspen Institute WWTF is currently approved for a total BOD₅ loading of 300 lbs/day, based upon maximum month flows (Site Approval No. 4687, dated June 29, 2003). The application indicates a proposed BOD₅ load from the Stables lift station to be 445 lbs/day, which exceeds the downstream WWTF's approved organic capacity by approximately 48%. Also, based upon the proposed flow rate to the Stables lift station, along with the Division approved flows from the Mobile Home Estates/Casita Park lift station (Site Approval No. 5097, dated June 4, 2010), the flows to the Aspen Institute WWTF would appear to exceed its permitted hydraulic capacity. Please provide the current and future hydraulic and organic loadings to the Aspen Institute WWTF, and discuss if current and/or future influent flows/loads may exceed the WWTF's permitted hydraulic and organic capacities.
3. Regulation 22, Section 22.7(1) (j) requires the site location application to include an emergency operations plan. The emergency operations plan indicates that the Stables lift station has a lined overflow pond with the capacity to hold approximately 80,500 gallons. Page 3 (of 4) of the engineering report cites 9.3 hours of storage at the maximum month flow (209,000 gpd). However item #9 of the Section 22.7 Regulation 22 application form indicates 11.7 hours at the maximum month flow. Please clarify the available storage volume and/or the available storage time at the maximum month flow.

Please submit a written response to this letter that addresses the identified issues. Following receipt of your response submission, the Division will resume review work on the project. Thank you for your time and cooperation in this matter. Please contact me by telephone at 303.692.6276 or by electronic mail at Jeffrey.Hlad@state.co.us if you have any questions.

Sincerely,


Jeffrey Hlad, P.E.
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Colorado Discharge Permit System No. CO-0046914

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