



State of Utah

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Department of
Environmental Quality

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DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

Rusty Netz
Sunnyside Cogeneration Associates
PO Box 10
East Carbon, UT 84520

Dear Mr. Netz:

Subject: **Construction Permit** for Sunnyside Cogeneration Associates SCA #2 Ash Landfill

On July 1, 2013, the Division of Water Quality (DWQ) received the preliminary engineering plans and specifications for Sunnyside Cogeneration Associates SCA #2 Ash Landfill prepared by Twin Peaks Engineering and Land Surveying (Twin Peaks). After reviewing the various documents there was some confusion concerning the drawings, therefore on February 27, 2014 we met with Scott Carlson of Twin Peaks to work through those issues and he indicated that a new set of Construction Drawings and additional information would be submitted. On April 3, 2014, DWQ received the new Construction Permit Submittal.

The following is a summary of the proposed major construction projects:

- Proposed Landfill Layout,
- Drainage Plan,
- Sediment Pond #018,
- Sediment Trap #1, and
- Sediment Trap #2.

The plans and specifications, as submitted, comply with *the Utah Water Quality Rules, (R317, Utah Administrative Code)*. A **Construction Permit** is hereby issued as constituted by this letter, subject to the following conditions:

1. *Any revisions or modifications to the approved plans and specifications must be submitted to DWQ for review and approval, before construction or implementation thereof. Please submit any changes for review and approval directly to Woodrow Campbell, P.E., of the DWQ Ground Water Protection Section.*
2. *A written operations and maintenance manual, containing a description of the functioning of the facilities, an outline of routine maintenance procedures, and all checklists and maintenance logs needed for proper operation of the system, must be submitted and approved before the final inspection and operation of the system.*
3. *The approved facilities must not be placed in service unless DWQ has conducted a final inspection, reviewed and approved the As-Built Construction Certification Report, and provided written authorization to place the constructed facilities in service.*

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4. *Construction activities that disturb one acre or more are required to obtain coverage under the Utah Discharge Elimination System (UPDES) Storm Water General Permit for Construction Activities. The permit requires the development of a storm water pollution prevention plan (SWPPP) to be implemented and updated from the commencement of any soil disturbing activities at the site until final stabilization of the project. For more information, or to obtain permit coverage online, please go to: <http://www.waterquality.utah.gov/UPDES/stormwater.htm>.*

The plans and specifications for this project have been stamped and signed by a Professional Engineer currently licensed to practice in the state of Utah. The construction design, inspection supervision, and written construction certification of all work associated with this Construction Permit must be performed by a Professional Engineer licensed to practice in the state of Utah.

This Construction Permit will expire one year from the date of its issuance, as evidenced by the date of this letter, unless substantial progress is made in constructing the approved facilities or the plans and specifications have been resubmitted and the construction permit is reissued. This permit does not relieve you, in any way, of your obligations to comply with other applicable local requirements. You may contact Southeastern Utah District Health Department at 435.637.3671 or Dave Ariotti, District Engineer at 435.637.3671 for further assistance regarding local matters.

Please contact Mr. Campbell at the beginning of construction to allow periodic inspections to be scheduled. Upon completion of the project, a final inspection and approval of the As-Built Construction Certification Report is required before the approval to operate the completed facilities can be issued. Please remain in contact with Mr. Campbell to schedule the final inspection. The Construction Certification Report with final as-built drawings must include test results for the following construction quality assurance and quality control (CQA/QC) elements:

Soil Subgrade and Liners

- Proctor Curves,
- Soil Classification,
- Field Compaction Testing, and
- Subgrade Acceptance Certification.

If we can be of further assistance, please contact Mr. Woodrow Campbell at wwcampbell@utah.gov or (801) 536-4353.

Sincerely,

Walter L. Baker, P.E.
Director

WLB/WWC/DJH:mc

Enclosures: 1. Sunnyside Cogeneration Plans and Specifications

cc: Dave Ariotti, District Engineer
Southeastern Utah District Health Department
Twin Peaks, 2264 North 1450 East, Lehi, UT 84043