

arizona municipal water users association

4041 north central avenue • suite 900 • phoenix, arizona 85012 • phone (602) 248-8482 • fax (602) 248-8423

AGENDA ITEM #4 B

March 5, 2009

TO: Members of the SROG Committee

FROM: Donald P. Sehorn, Program Manager

SUBJECT: RE-RATING OF TREATMENT CAPACITY AT THE 91ST AVENUE WWTP

This action will formally recognize the increase in treatment capacity at the 91st Avenue WWTP.

The SROG cities have been involved in, and just completed, UP01 which is the most recent expansion of the 91st Avenue WWTP. This new expansion was certified complete by both the contractor PCL Construction, Inc. and the design consultant Malcolm Pirnie, Inc. See attached certification letter dated February 11, 2009. As a result of this new addition, the total flow capacity of the plant has increased from 179.25 mgd to 204.50 mgd and the SROG cities' treatment capacities at the 91st Avenue WWTP are now as follows:

City	Flow (MGD)	COD Loading (lbs/day)	TSS Loading (lbs/day)
Glendale	13.20	103,000	61,600
Mesa	29.22	160,000	88,000
Phoenix	112.80	601,000	288,000
Scottsdale	20.25	115,000	88,000
Tempe	29.03	207,000	86,000
SROG	204.50	1,186,000	611,600

The Advisory Committee recommended that these new ownership amounts be utilized for billing purposes starting with the February 2009 O&M Billing.

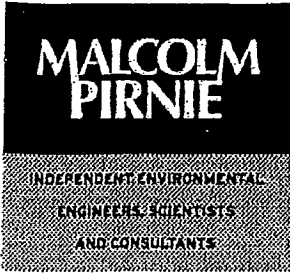
RECOMMENDATION

At their February 19, 2009 meeting, the SROG Advisory Committee recommended that:

the SROG Committee accept that, as of February 2009, the treatment capacity at the 91st Avenue WWTP be reflected as presented.

Attachment

DPS:tdw:dsp:mla
h:\srog\UP01-Formal Committee Acceptance.mem



ATTACHMENT TO AGENDA ITEM #4B

Malcolm Pirnie, Inc.
4646 E. Van Buren Street
Suite 400
Phoenix, AZ 85008
T: 602-241-1770
F: 602-231-0131
www.pirnie.com

February 11, 2009

Mr. Paul Kinshella, P.E.
City of Phoenix
Water Services Department
200 West Washington Street, 8th Floor
Phoenix, Arizona 85003-1611

Re: 91st Avenue WWTP Unified Plant 2001 (UP01) Completion Project
Project No. WS90100071
UP01 Certification / Plant Capacity

Dear Mr. Kinshella,

The recently commissioned UP01 facilities expansion at the 91st Avenue Wastewater Treatment Plant (WWTP) complies with the design intent established for the Unified Plant Facilities and with the Plant's current regulatory requirements. Malcolm Pirnie and our subconsultants have conducted an inspection and determined that the above Project is completed in accordance with the Contract Documents. The project's Final Completion request was granted to the UP01 Completion CM@Risk Contractor, PCL Construction, Inc., on January 23, 2009. The purpose of this letter is to certify that as of January 23, 2009 the 91st Avenue WWTP UP01 expansion has been completed in accordance with our design and placed into beneficial use at the rated capacity and level of treatment. Commissioning of the plant began in August 2008 and was completed in December 2008 during which time we verified that all equipment and processes are capable of performing at the rated capacity/level of treatment.

This brings the overall 91st Avenue WWTP to the following capacity:

Flow 204.5 mgd
COD 1,186,000 lbs/day
TSS 611,600 lbs/day

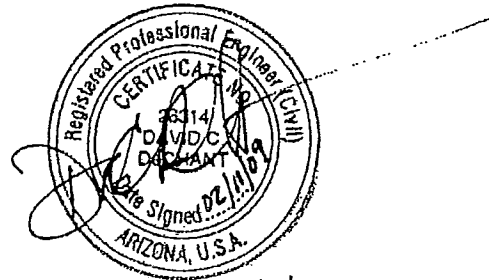
The attached letter from Greeley and Hansen further details the treatment capacity by SROG ownership.

Please feel free to contact me at 602-797-4611 or Jon Westervelt at 602-797-4510 if you have any questions.

Very truly yours,

MALCOLM PIRNIE, INC.

David DeChant, P. E.
Vice President



EXPIRES 09/30/2010

c: Andy Brown, City of Phoenix
Jon Westervelt, Malcolm Pirnie
File: 0807-645 (E)(O) 0.01 P:0807-645-PCL/Letters/09-2-11 to COP-UP01 Certification Letter



GREELEY AND HANSEN

2800 N. 44th Street, Suite 650
Phoenix, Arizona 85008
p 602 275 5595
f 602 267 1178
www.greeley-hansen.com

December 18, 2008

Mr. David C. DeChant, P.E.
Vice President
Malcolm Pirnie, Inc.
4646 East Van Buren Street, Suite 400
Phoenix, AZ 85008-6945

Subject: 91st Avenue Wastewater Treatment Plant
Unified Plant Expansion Project (UP01)

Dear Dave:

The 25-year Facility Master Plan intended that the 91st Avenue WWTP would provide the following flow, COD loading and TSS loading purchase capacities after UP01 improvements by City:

City	Flow (MGD)	COD Loading (lbs/day)	TSS Loading (lbs/day)
Glendale	13.20	103,000	61,600
Mesa	29.22	160,000	88,000
Phoenix	112.80	601,000	288,000
Scottsdale	20.25	115,000	88,000
Tempe	29.03	207,000	86,000
SROG	204.50	1,186,000	611,600

If you have any questions or comments please let us know at your earliest convenience.

Yours very truly,

Greeley and Hansen LLC

Kevin D. Conway, P.E.
Principal

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Expires 6/30/11