

## COMMENT FORM

### EFFLUENT INTERCEPTOR PUBLIC INFORMATION & SCOPING MEETING

Please provide the requested information and place the completed form in the box marked "Comments" at the meeting, or mail to:

James (Pat) Green, Regulatory Compliance Officer  
U.S. Bureau of Reclamation  
Lower Colorado Region  
P.O. Box 61470  
Boulder City, NV 89006-1470  
Or  
Clean Water Coalition  
C/O PBS&J  
Carrie Stewart  
901 N. Green Valley Parkway, Suite 100  
Las Vegas, NV 89074-7105

**NOTE:** Name, Address, Phone, and E-mail information is optional. However, without that information, we will be unable to send you responses to your comments/questions or additional information pertaining to this project.

Name: Larry Paulson

Address: 904 SAN EDUARDO AVENUE  
HENDERSON NV 89015

Phone: 566-1466

E-Mail: larry@lv.rmc.net

**Please list your comments below and on the next page.**

- Need to be very careful that the pipeline  
doesn't make the overflow of  
treated sewage in Las Vegas Bay worse  
than now by increasing wash temperatures  
day fall, winter and spring

Comments continued

- need to clearly define the objectives of the proposed pipeline and how it will be integrated with other ongoing water quality improvement programs in Los Vegas Wash.
- need to do a three year review of water quality standards for Los Vegas Wash and Lake Mead
- need to review return flow credit calculations for Los Vegas Wash and determine whether the pipeline will change the method of calculating return flow credits.
- need to determine how the pipeline will affect velocity, ~~of~~ temperature, salinity, ~~and~~ suspended sediments, and other water quality standards for Los Vegas Wash
- need to determine how the pipeline will affect water quality standards in Lake Mead.

I ran out of room. I will submit more comments when I receive more detailed information

Base flows in the wash?



SOUTHERN NEVADA  
WATER AUTHORITY

Mr. James Green  
Bureau of Reclamation  
Lower Colorado Regional Office  
P.O. Box 61470  
Boulder City, NV 89006-1470

Dear Mr. Green:

RE: SCOPING COMMENTS AND COOPERATING AGENCY STATUS FOR THE  
SYSTEMS CONVEYANCE AND OPERATIONS PROGRAM ENVIRONMENTAL  
IMPACT STATEMENT

The Southern Nevada Water Authority (Authority) appreciates the invitation from the Bureau of Reclamation, National Park Service and member agencies of the Clean Water Coalition to be a cooperating agency on the Systems Conveyance and Operations Program (SCOP) Environmental Impact Statement (EIS). The Authority has assisted the Clean Water Coalition's efforts from the beginnings of the Alternate Discharge Study process that has lead to the SCOP, and strongly supports actions which will protect the quality of water in the Las Vegas Wash and Lake Mead and provide for the management of increasing treated wastewater flows in Southern Nevada.

Because the Authority does not have jurisdiction or responsibility for the SCOP, we decline the invitation to be a formal cooperating agency on the EIS. The Authority intends to continue to be involved in the EIS process, and provide assistance to the agencies in our areas of technical expertise. We would like to provide the following comments for consideration as part of the scoping process for this project.

Promoting Public Input

The agencies have put forth substantial effort to inform the public about the SCOP and solicit public input. Sparse attendance at these meetings reinforces the need for continued efforts to assure that the public both understands what is planned and that their participation is critical to the success of the project. The Authority fully supports the agencies' plans to develop a comprehensive public outreach plan that includes a citizen's advisory committee, public workshops, stakeholder interviews, and other activities that are geared to achieving full stakeholder participation.

Amanda M. Cyphers, Chair  
Henderson Councilman

Shari Buck  
North Las Vegas Councilman

Oscar Goodman  
Las Vegas Mayor

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1001 S. Valley View Blvd.  
Las Vegas, Nevada 89153  
Telephone: (702) 258-3939  
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Project Office  
1900 E. Flamingo, Ste. 170  
Las Vegas, Nevada 89119  
Telephone: (702) 862-3400  
Fax: (702) 862-3470

Southern Nevada Water System  
243 Lakeshore Road  
Boulder City, NV 89005  
Telephone: (702) 564-7697  
Fax: (702) 564-7222

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		JED
September 11, 2002	JED	2530
CLASSIFICATION		
PROJECT		
CONTROL NO.		
FOLDER I.D.		
KEYWORD		

Mr. James Green  
September 11, 2002  
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Alternatives Development

The Authority endorses the efforts of the agencies to develop a broad range of alternatives for the SCOP project. In addition to new transmission facilities to convey treated effluent into Lake Mead, other alternatives which have been identified for consideration include process improvements and supplemental treatment facilities. The Authority encourages the agencies in pursuing a broad range of reasonable alternatives for the draft EIS, and is interested in also learning more about these other options. It is important to fully evaluate all reasonable options in order to have broad public support for this project.

Discharging Effluent into Boulder Basin Near Hemmenway Wall and Promotory Point

The Authority encourages the agencies to thoroughly evaluate any new effluent discharge locations. From a drinking water treatment perspective, bringing wastewater effluent discharge into Boulder Basin, closer to the drinking water intake, could present potential risks under varying environmental conditions. Some of these conditions include seasonal stratification, destratification, and lower lake levels. Risks from these conditions could include increased potential for algae blooms which impact treatment processes and increased total organic carbon which not only represent a concern in elevated trihalomethanes, but can cause taste and odor problems. These factors will have to be evaluated in detail to understand the potential impact to Boulder Basin.

We look forward to continuing our participation in the SCOP Project. Please contact me if you have any questions.

Sincerely,



Kay Brothers  
Deputy General Manager  
Engineering/Operations

KB:KSZ:pe

c: William K. Dickinson, National Park Service  
Kurt Segler, City of Henderson  
Doug Karafa, Clark County Sanitation District  
Dave Mendenhall, City of Las Vegas

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SCOPING PROCESS AND MEETING  
FOR THE  
SYSTEMS CONVEYANCE AND OPERATIONS SYSTEM  
ENVIRONMENTAL IMPACT STATEMENT

TRANSCRIPT OF PUBLIC MEETING

MONDAY, AUGUST 12, 2002

6:30 P.M. - 8:30 P.M.

HENDERSON CONVENTION CENTER

200 SOUTH WATER STREET

HENDERSON, NEVADA

**CERTIFIED COPY**

REPORTED BY: DIANE PRATT, RPR, CCR #328

## APPEARANCES

1  
2  
3 Anne Smith, Smith-Culp Consulting  
4 Anthony Vigil, U.S. Bureau of Reclamation  
5 James Green, U.S. Bureau of Reclamation  
6 Bill Burke, National Park Service  
7 Nancy Hendricks, National Park Service  
8 Doug Karafa, Clark County Sanitation District  
9 Dan Fischer, City of Las Vegas  
10 Mike Neher, City of Henderson  
11 Lisa Luptowitz, Southern Nevada Water Authority  
12 Dana Reel, Black & Veatch  
13 Ira Rackley, Black & Veatch  
14 Bill Van Stone, Black & Veatch  
15 Eric Hawkins, Alpha Communications  
16 Carrie Stewart, PBS&J  
17 Ken MacDonald, SWCA  
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## ORAL STATEMENTS

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20 SPEAKER PAGE  
21 Ernest Buschman 8  
22 Ken Matthews 10  
23

## WRITTEN STATEMENTS

24 PAGE  
25 Ernest Buschman 11

1 HENDERSON, NEVADA, MONDAY, AUGUST 12, 2002

2 6:30 P.M. - 8:30 P.M.

3

4 ANNE SMITH: Good evening. I'd like to welcome you  
5 to our Scoping Meeting for the Systems Operations and Program  
6 here in the Las Vegas valley. And I would like to welcome you  
7 on behalf of a few agencies that are hosting this.

8 First is the U.S. Bureau of Reclamation, the National  
9 Parks and the Clean Water Coalition which consists of the  
10 cities of Henderson, Las Vegas and the Clark County Sanitation  
11 District.

12 My name is Anne Smith, and I am going to be the  
13 facilitator tonight for this process and the guide for the  
14 meetings, you can call me. These meetings are being conducted  
15 in compliance with the National Environmental Policy Act,  
16 NEPA, for the Environmental Impact Statement Scoping Meeting.  
17 So we are going to be conducting four this week here in the  
18 valley.

19 There are some fact sheets on the tables. If you  
20 haven't got them already, they refer to this process in more  
21 detail. And also there are some instructions on how to comment  
22 this evening if you choose to.

23 The agenda for tonight I will go through in a minute.  
24 And then before that I do that, I would like to introduce all  
25 the people that are here that represent the agencies that are

1 hosting this. So if you, when I read your name, if you can  
2 maybe wave so we can see who you are.

3 From the Bureau of Reclamation, we have Anthony Vigil  
4 and James Green. From the National Parks Service, we have Bill  
5 Burke and Nancy Hendricks. Clark County Sanitation District,  
6 we have Doug Karafa. From the City of Las Vegas, Dan Fischer.  
7 From the City of Henderson, Mike Neher. And from the Southern  
8 Nevada Water Authority, we have Lisa Luptowitz.

9 And then we have some consultants here that are  
10 working on the project. And from Black and Veatch, Dana Reel,  
11 Ira Rackley, and Bill Van Stone. From Alpha Communications we  
12 have Eric Hawkins. And from PBS&J we have Carrie Stewart. And  
13 then from SWCA, we have Ken MacDonald.

14 Over here we have Diane Pratt, the court reporter here  
15 tonight. So she is going to have a major role here.

16 And the way we are going to do this meeting is, to  
17 start off here, we will have approximately half an hour where  
18 we will have an opportunity for anybody who has any questions  
19 or comments related to any of the boards and the displays that  
20 we have or questions that you brought regarding the project.  
21 You will have an opportunity to ask those questions of all the  
22 agency personnel that are here tonight. Now, during this  
23 period you can ask anything you want, and the agency people  
24 will be happy to answer your questions. The only proviso here  
25 is none of that will be recorded. So if there is something

1 specific that you want recorded up front, then either you can  
2 come over during the half hour, talk to the court reporter  
3 directly on a one-to-one basis, and you can either write it  
4 down or verbally give that. But any questions at that time,  
5 that's the only way it is going to be recorded.

6 After that period of time, we will get together and we  
7 are going to show a video which is background and description  
8 of the project that this is what this meeting is all about. So  
9 there is a 15-minute video. So after that we are going to open  
10 it up for an open comment period. What we'll do then is  
11 anybody who wants to speak can come up to the microphone and  
12 give their comments or ask their questions.

13 Now, there are some cards you need to fill out if you  
14 want to speak tonight, and they look like this. So if you want  
15 to speak, you need to fill out a yellow card, because they will  
16 come to me, and then I will be calling people up by name to  
17 come up to the microphone to speak. There is also a blue form  
18 which, if you just want to get copies of the documentation  
19 afterwards, then you can get one of those. So those are two  
20 ways to comment. There's also a blank comment form that you  
21 can put your comments in writing. And you can either hand them  
22 in tonight to the court reporter, or you can submit them in  
23 writing. And there is a sheet on your tables that tells who to  
24 submit them to in writing, and that needs to be done before  
25 September the 1st.

1           So when you are called up here, you can address  
2 everybody in the room. There is no particular person that you  
3 need to speak to. You can speak to anything because the court  
4 reporter is going to be recording everything that you say.

5           We will be trying to keep to some time limits although  
6 it looks like you might have an opportunity to talk, say your  
7 piece. But if your time is up, then what we'll do is, you can  
8 fill out another card if there is a lot of people that come,  
9 and then maybe you will have another chance at the end to speak  
10 if we have extra time. If not, then you can put any extra  
11 comments or questions in writing.

12           I will be giving you kind of some time. You don't  
13 need to keep track of the time while you were talking. I will.  
14 So I will be showing you a card that says you have got one  
15 minute left, and then 15 seconds left, and then time is up. I  
16 apologize in advance if we need to use those because I may need  
17 to say, you know, we need to allow someone else to come up and  
18 talk.

19           During that time you may have some questions to ask  
20 during this meeting. We won't be answering any questions on  
21 open comment. Those will be addressed later at a later date.  
22 So any comment or question will be taken down tonight, but we  
23 won't be having any discussion about it during the open comment  
24 period.

25           Then we will be finishing up that period at 8:30. And

1 if there is any final comments then, we have a little bit of  
2 time, the court reporter will still be around to take a few  
3 comments down, and they will be done on a one-to-one basis.

4 So that is kind of how the evening is going to go.  
5 And what we want to do is start off by having a display, having  
6 you take a look at the displays and asking any questions of  
7 anybody who is available. So I will I have a chime. When you  
8 hear a chime go, that will be about a five-minute warning to  
9 get ready to sit down and watch the video.

10 Okay. So why don't you take a look around when you  
11 get a chance.

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1 ERNEST BUSCHMAN  
2 Sun City MacDonald Ranch  
3 2185 Tiger Willows Drive  
4 Henderson, Nevada 89012  
5 (702) 361-6420  
6 buschmanep@aol.com

7 ERNEST BUSCHMAN: I'm Ernie Buschman, and I'm from  
8 Henderson, Nevada. I live at Sun City, MacDonald Ranch. I  
9 moved here about four years ago from Monroe County, Michigan.  
10 I lived on the shore of Lake Erie. And Lake Erie was one of  
11 those lakes that at one point was dead, or at least people  
12 thought it was dead, back in the northwest.

13 I took water for granted, and I brought those  
14 attitudes with me out here. I still take it for granted. I  
15 represent a group called Hillside Preservation Committee at Sun  
16 City MacDonald Ranch. And we have been trying to do just that,  
17 preserve the hillsides. And in the two years we have been  
18 trying to do that, we failed miserably.

19 And part of the knowledge that we gained in that  
20 effort was that there was an impact of those of us who lived in  
21 the hillsides on the water problem that's developed and  
22 developing here. The more of us that move up into the hills,  
23 the more water, the more effluent. And we tried to do a  
24 coalition with the Sierra Club, and they identified us as part  
25 of the problem. If you hadn't brought houses here, this  
problem wouldn't exist, so don't talk to us about preserving  
hillsides.

1 Well, I hope that attitude doesn't exist in trying to  
2 preserve this precious resource that's called Lake Mead. And I  
3 guess I don't want to go into too much detail because I haven't  
4 until now been interested in preserving any aspect of Lake  
5 Mead. And the Sierra Club is right. And until we do something  
6 about the mountain developments that's occurring here, I'm  
7 afraid the effluent is just going to continue to increase and  
8 you're going to have to continue to try to deal with this. And  
9 I know we didn't have this problem in Lake Erie.

10 There really is a limited amount of water out there.  
11 I don't know if anybody recognizes it, but you can get all the  
12 credits you want for putting the effluent back in there, but  
13 there's got to be a point of diminishing returns here. So,  
14 please, give serious consideration, very serious consideration  
15 to stop us midwesterners from moving out here, because I guess  
16 we are a big part of the problem. And I hope that my  
17 identifying myself that way has some meaning and it is not just  
18 an old fool, because I really did take water for granted on the  
19 shores of Lake Erie. So thank you.

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1 KEN MATTHEWS  
1133 Henderson  
2 Henderson, Nevada 89015  
(702) 461-7738  
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5 KEN MATTHEWS: My name is Ken Matthews. I'm just a  
6 concerned citizen. I live in Henderson in the Calico Ridge  
7 Development down near the wash. I just want to say that there  
8 are alternatives to helping out the wash in the amount of total  
9 water we actually put back into Lake Mead. I know there is a  
10 high quality standard that our waste water facility do put back  
11 in, and I guess myself and many other citizens do thank you for  
12 that. Environmental people that like the shore birds, like the  
13 fish and all the other species that enjoy the river,  
14 agriculture down the river, we all appreciate the content in  
15 which you are putting water back.

16 I just want to be the guy that stands up here in front  
17 of everyone and says there are alternatives to using salt water  
18 softening systems. And just because of some research I have  
19 done in the past years, I have found systems that actually work  
20 just as good, electronic conditioning. And we don't use the  
21 salt. We don't put the salt back in the sewer, and it's not  
22 going back to the lake.

23 And we are taking a lot of water out of the lake, as I  
24 was told earlier, that the actual -- we are putting the water  
25 back in less salt ratio than we are actually taking out. Not

1 so much as putting on the golf courses and other places, what  
2 water is actually turning back the sewer is just what we are  
3 actually using in our house and what comes to the storm drains,  
4 gutters and street.

5 I just want to be one guy to say I have been  
6 concerned, and I have been trying to put some new information  
7 to the public and let them know there are alternatives to using  
8 methods for big evaporative coolers, cooling towers,  
9 residential softeners, big industrial softeners. There's  
10 alternatives to putting all this salt back into our water  
11 system. Thank you.

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1 ERNEST BUSCHMANN  
2 2185 Tiger Willow Drive  
3 Henderson, Nevada 89012  
4 (702) 361-6420  
5 buschmanep@aol.com

6 I want to know if the Environmental Impact Study will  
7 have various models for the dramatic changes in Lake Mead  
8 levels. Is there some concern to be given to the impact upon  
9 the environment by the rate of growth in the population?

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3 REPORTER'S CERTIFICATE4 STATE OF NEVADA )  
5 :SS  
6 COUNTY OF CLARK )7 I, the undersigned, a Certified Court Reporter of  
8 the State of Nevada, do hereby certify:9 That the foregoing proceedings were taken before  
10 me at the time and place herein set forth; that a verbatim  
11 record of the proceedings was made by me using machine  
12 shorthand which was thereafter transcribed under my direction;  
13 further, that the foregoing is an accurate transcription  
14 thereof.15 I further certify that I am neither financially  
16 interested in the action nor a relative or employee of any  
17 attorney of any of the parties.18 IN WITNESS WHEREOF, I have this date subscribed my  
19 name.20 Dated: 8-17-0221  
22   
23 DIANE M. PRATT  
24 NV CCR No. 328  
25