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FOCUS ON
WATER QUALITY
→



NID WaterWays

A Newsletter to the Customers
of the Nevada Irrigation District

Volume 26 • Number 3 • Fall, 2005

A Matter of Taste

NID Drinking Water is Tasty and Healthy

It tastes good. NID drinking water is fresh, cool, straight from the mountain snowpack. It doesn't carry the trace tastes or odors sometimes found in downstream water supplies.

A clear, tasty and healthy water supply depends, of course, on more than geography. NID's dedicated staff and state-of-the-art water treatment technology assure customers that the water they receive meets and exceeds all state and federal public health standards.

From the Top

It all begins on 70,000 acres of mountain watershed, where melting snows fill district reservoirs. Canals and pipelines that carry water to



Water Treatment Plant

The Loma Rica plant, above is one of six modern water treatment plants operated by NID in Nevada and Placer counties. The district also operates the small 44-customer Smartville plant in Yuba County.

the foothills are relatively safe from industrial pollutants than can affect raw water.

"We're first in line on the watershed; we have excellent source water," says NID Treated Water Supt. Chip Close, who heads a team of nine state-licensed water treatment specialists responsible for operating seven water treatment plants.

This higher quality source water allows NID to fine-tune and use fewer chemicals in its water treatment. "Our goal is to produce the best, most pristine water that we can," Close says.

NID treatment plants use a full, five-phase water treatment process that includes initial disinfection, floccula-
(Please turn to Page 2)

Continued from Page 1
tion, sedimentation, filtration and final disinfection. The network employs modern SCADA (Supervisory Control and Data Acquisition) technology that allows remote real time system monitoring.

The district operates a state-certified water laboratory at the North Auburn Water Treatment Plant where samples from throughout the system are tested on a continuing basis.

When water is pumped from the treatment plants, water quality within the distribution system is maintained through an ongoing system flushing program. In addition, NID's backflow prevention program is designed to protect the public water system from any possible reverse flows of water.

For many years, following its 1921 formation, NID supplied only irrigation water. But in the 1960s and 70s, in response to a changing community, the district expanded into treated water service. Today, four out of five NID customers use treated drinking water.



Chip Close
is NID's
Treated Water
Superintendent

NID Water Treatment Plants include Loma Rica (Grass Valley), Elizabeth L. George (Banner Mountain), Lake Wildwood, Lake of the Pines, North Auburn, Cascade Shores and Smartville.

A Brief History of Drinking Water

Some of the earliest evidence of water treatment comes from the 13th and 15th centuries BC when Egyptian paintings depicted sedimentation apparatus and wick siphons with drinking water.

Hippocrates, the Father of Medicine, invented the "Hippocrates Sleeve," a cloth bag to strain rainwater, in the 5th century BC.



The first water facility delivering water to an entire town was in Paisley, Scotland in 1804. In 1806, a large water treatment plant began operating in Paris. Its filters were made of sand and charcoal and its pumps were driven by horses working in three shifts.

In the years following the Civil War, the U.S. became a leader in water treatment technology. In 1908, Jersey City Water Works became the first utility to use sodium hyperchlorite for disinfection and that same year the Bubbly Creek plant in Chicago instituted regular chlorine disinfection.

In 1914, the U.S. Department of The Treasury promulgated the country's first drinking water bacteriological standard, a maximum level of 2 coliforms per 100 mL. By the 1920s, the use of filtration and chlorination had virtually eliminated epidemics of major waterborne diseases from the American landscape.

(Source: American Water Works Association)

Water: Quality at a Bargain Price

When compared to other products we use in our lives, water is definitely a bargain. Here are some price comparisons prepared by *The Denver Post*, *Business Week* and Denver Water:

<u>Product</u>	<u>Price Per Gallon</u>
Chanel No. 5 Parfum	\$45,056.
Revlon Nail Enamel	\$983.04
Visine Advanced Eye Drops	\$741.12
Vicks 44D Cough Syrup	\$96.67
Coppertone SPF 45 sun-block lotion	\$90.11
Pepto-Bismol	\$58.52
Evian bottled water	\$21.19
Mocha at Peaberry coffee (tax included)	\$22.28
Corona beer	\$12.89
Snapple	\$10.32
Tide liquid detergent	\$8.39
Coca-Cola	\$2.64
TAP WATER, DENVER WATER	.00186 cent

(11,000 gallons or less per month, including monthly service charge)

Q&A

Should I Drink Bottled Water?

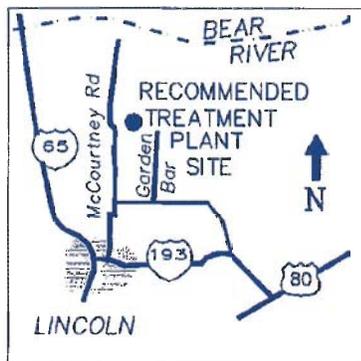
For health reasons, it is not necessary to buy bottled water. The drinking water supplied by NID meets all state and federal public health standards. In fact, says NID Water Operations Manager Don Wight, it has only been in recent years that bottled water companies have had to meet the same stringent health standards as public water suppliers.

If you want a drink with a different taste, bottled water is a good option, although it can cost up to 1000 times more than municipal drinking water. Bottled drinking water may be considered by consumers who rely on irrigation canals or wells. In addition, bottled water can be a vital source of drinking water during emergency conditions that can impact public water systems.

Lincoln Site Studied for New NID Water Plant

A preferred site has been selected in the cooperative effort by NID and the City of Lincoln to locate and build a new NID water treatment plant for the Lincoln area.

The new plant, which could be built in three to five years, would serve parts of the greater Lincoln area that are within NID boundaries, including some portions of the city that overlap district boundaries.



It is estimated the new water treatment plant could be built in three to five years at an initial cost of about \$80 million.

An ad hoc committee comprised of district and city representatives studied a dozen different sites and is recommending the plant be built at the NID Valley View site, located about five miles northeast of Lincoln. The district now operates a small irrigation water reservoir on the site.

At press time, public workshops on the proposed site were being planned in Lincoln and at NID. For current information, see the NID website at www.nid.dst.ca.us.

Cascade Project Back on Track

New environmental studies have begun for the Lower Cascade Canal/Banner Pipeline Project, which is designed to increase the reliability and capacity of a primary water source for western Nevada County.

The proposed project is the second phase of a multiyear effort to improve the Cascade Canal delivery system. In 2002, NID completed the \$18 million Upper Cascade Flume Replacement Project.

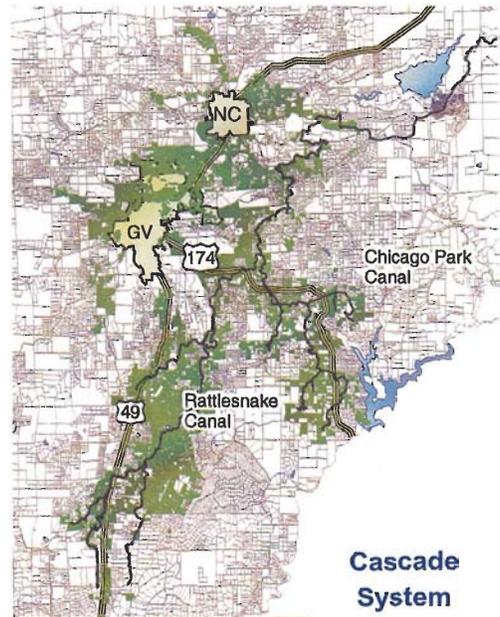
The Cascade Canal supplies two water treatment plants and numerous irrigation water customers. About 20,000 people rely on water supplies delivered through the Cascade system and NID is seeing increased demand for water, especially in south Nevada County.

The project would divert most of the water from the Lower Cascade Canal into a buried pipeline across the southern flank of Banner Mountain. The Lower Cascade Canal, which is running at capacity, would remain in operation as a service lateral.

The current project has been on hold through much of this year after questions were raised about earlier environmental studies. The NID Board of Directors in July voted to move forward with new studies. Two Sacramento-based consulting firms, Brown & Caldwell and Jones & Stokes, are assisting NID on the new studies.

A draft environmental impact report (EIR) is anticipated in early 2006, followed by an extended 60-day public review period and two public workshops.

Citizens may obtain information about the project by looking under Current Projects on the NID website, www.nid.dst.ca.us, or by calling the NID Engineering Dept.



The areas of Nevada County supplied through the aging Cascade Canal system are shown in green.

Assessment Rate Stays at Quarter-Cent

The NID Board in August approved a 2005-2006 assessment rate of just over one quarter of one cent per \$100 of assessed valuation. The \$0.0028 rate is up slightly from the 2004-05 rate of \$0.0023.

The assessments are based on land values only; homes and other improvements are not included. The assessments are collected as part of the property tax in Nevada and Placer counties and are used solely to repay NID's voter-approved debt.

The assessments are planned to raise \$84,859, the amount needed for next year's debt service on a low-interest state loan that is scheduled to be paid in full in five years.

• NID NEWS BRIEFS •

Two Longtime Managers Retire



Andrews



McCall

Two key members of the NID management team are retiring this Fall. Chief Engineer **Tim McCall**, of Grass Valley, who has spent 33 years with the NID Engineering Dept., is retiring on Nov. 28. Finance Manager **Tess Andrews**, also a Grass Valley resident, retires Dec. 1 from a 29-year NID career.

PLACER OFFICE HOURS. The NID Placer County Customer Service Office on Locksley Lane in North Auburn is open Tuesdays and Thursdays, from 8-5 (Closed 1-2 for lunch). For customers making payments, a drop box is located outside the front gate at the office. Telephone inquiries may be directed to NID's main office in Grass Valley at (530) 273-6185 or (800) 222-4102.

DEDICATION PLANNED AT SCOTTS

FLAT. The new boat ramp and recreation upgrade at the Cascade Shores day use area at Scotts Flat has been completed. A dedication ceremony for the David E. Southern Recreation Facility is being planned for Spring, 2006. The late Dave Southern was a Cascade Shores resident who served on the NID Board of Directors for 13 years, from 1985-98.



Dave
Southern

PENN VALLEY FLUME REPLACEMENT. NID Directors in August approved a plan to replace the old Hogeland Flume on the Tarr Canal in Penn Valley. The work is planned for this Fall. The old steel pipe flume is undersized and has been leaking. It is being replaced with a supported 36-inch pipeline with new concrete inlet and outlet structures.

How to Contact Your Elected Directors

DIVISION I - Nevada City Area

Nancy Weber, (530) 265-0424

DIVISION II - Grass Valley-Chicago Park

John Drew, (530) 272-5257

DIVISION III - Lake of the Pines-Alta Sierra

Dr. Scott Miller, Call NID (530) 273-6185, ext. 222

DIVISION IV - Lincoln-North Auburn

R. Paul Williams (916) 645-8507

DIVISION V - Penn Valley-Lake Wildwood

George Leipzig (530) 432-2492

www.nid.dst.ca.us

A Good Year for Water Storage

NID is heading into the 2005-06 rainfall season with water storage that is well above average.

As of Sept. 25, the district's 10 reservoirs held 189,500 acre-feet of water, or 117 percent of average for this time of year.

Operations Supv. Sue Sindt said the carry-over storage will serve as an important buffer in case the coming season turns out to be dry.

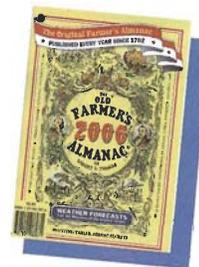
The last 12-month rainfall year ended June 30 with 73.94 inches, or 107 percent of average precipitation, at Bowman Reservoir. The 2004-05 season was near-average with a very wet May that produced 13.62 inches - or 380 percent of the average May - precipitation. The month boosted April-July runoff on NID mountain watershed to 149 percent of average.

The Year Ahead

What kind of winter can we expect this year?

The National Weather Service outlook for October, November and December in the Sacramento area is for near-normal precipitation with above normal temperatures.

The 2006 *Old Farmer's Almanac* sees a milder than normal winter in the Pacific Northwest, with above normal rainfall and below normal snowfall. For the Pacific Southwest, the Almanac predicts a warmer than normal winter in most of the region, with near normal rainfall in the northern sections.



Permit Needed

Are You Building Near Canals, Pipelines?

To protect the public water system from private activities that could impact water deliveries, NID follows an encroachment policy and permit process.

Anyone planning construction of any kind that crosses a district canal, pipeline, other facility or easement should call the district first to apply for a permit. All construction must be cleared with the district before work begins.

Examples of projects that must be permitted include road, water line and sewer crossings, culverts, foot bridges and underground electrical crossings. (Fences and gates are not covered by the permit process but advance field meetings must be scheduled with the NID Operations Dept.)

NID offers encroachment permits at no charge to the applicant and turnaround time is at least two weeks. Your project will be reviewed for safety, design and location.

For information or an encroachment permit application, please contact the NID Right-of-Way Section at (530) 273-6185 or (800) 222-4102.



**NID is Using
Solar Energy**
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**Water Bills to
Arrive Monthly**
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NID WaterWays

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Fun in the Sun at NID Lakes

It's the summer of a great water year and business has been brisk at NID recreation areas at Rollins and Scotts Flat reservoirs.

Among the finest in the Sierra foothills, the two reservoirs offer camping, day use, picnicking, swimming, fishing, boating, sailing, water skiing and much more.

Rollins Reservoir

Rollins Lake is located at the 2100-foot elevation, off Highway 174 between Grass Valley and Colfax. It features four separate campgrounds - Long Ravine, Greenhorn, Orchard Springs and Peninsula - offering 250 campsites, boat launching, picnic areas and other amenities. The recreation area encompasses 2200 acres, including the 825-acre reservoir, with a 26-mile shoreline.

Scotts Flat Reservoir

Scotts Flat, located at the 3100-foot elevation nine miles east of Nevada City, has two wooded campgrounds, with



Summer Breeze at Scotts Flat

Sailors prepare to launch during this year's Gold Country Yacht Club Regatta held June 5 at Scotts Flat Reservoir.

180 campsites, day use area and marina. Across from the main recreation area is the Cascade Shores day use area, which is popular with local Nevada City residents. The reservoir has a 750-acre surface area with a nine-mile shoreline.

Both resorts are open all year. Camping and use rates vary. For information, contact

Scotts Flat Lake Recreation at 265-5302, Long Ravine Campground at 346-6166, Greenhorn Campground at 9.5 6100, Orchard Springs Campground at 346-2212 or Peninsula Campground at 477-9413.

**NID Receives Grants for
Scotts Flat Recreation**
Please see page 2

General Manager's Report

Strategic Planning: A Roadmap to the Future

By Ron Nelson



Over the past two years, NID's elected Board of Directors, the district staff and management team have put their heads together to develop and refine a new strategic business plan - a roadmap to the future.

Why do we need a strategic plan? Every organization needs to look carefully at where it is, where it wants to be, and how it should get there. This, in a nutshell, is what we have been doing.

Changing Business Climate

At NID, we find ourselves in a business climate that is changing more rapidly than ever before. Legislative activity is directly affecting our budgeting processes. Regulatory activity is changing long-standing water industry practices. Here in the district, changing land uses are changing the services that our customers want and need.

For the customers who rely on NID for water service, the district is working to maximize the quality of service we provide. We want to be smarter, better and faster in the ways we conduct the public's business.

A mission statement reflects what an organization wants to accomplish:

NID's Mission Statement

"The district will provide a dependable, quality water supply, strive to be good stewards of the watersheds and conserve the available resources."

The mission is supported by strategic goals that have been developed in eight key areas. They are Asset Management, Communication & Technology, Finance & Strategic Planning, Hydro Power, Personnel, Public Relations, Recreation, and Water Management & Operations.

Through this planning process, we have encouraged consensus within the district on the direction of the district. In this way, we are able to direct our attention and resources to the issues most important to the district.

From Baby Boomer retirements to the federal relicensing of the multi-million-dollar NID Hydroelectric System, and changing demand for water service in the growing Lincoln area, NID will be involved in many issues over the coming decade. We are confident that our strategic planning efforts will help us in representing the best interests of the public we serve.

Metered Customers Only

Monthly Billing

Begins in August

After planning for several months and conducting successful trial runs in June and July, NID will convert to a monthly billing cycle beginning in August.

Customers who receive metered treated water will receive the monthly billings. Irrigation water customers will continue to receive seasonal or bimonthly billings.

NID Finance Manager Tess Andrews said customers on some billing cycles will receive pro-rated billings on the first monthly cycle. Water usage and dates will be shown on the billings, she noted.

Andrews said the move to monthly billing conforms to industry standards. She said it may help customers plan their monthly budgets and should help streamline the district's cash flow.

District Obtains Recreation Grants

NID has obtained grants from the state Department of Boating & Waterways to fund recreation improvements at Scotts Flat Reservoir.

In a \$621,000 project being completed this summer, the Cascade Shores day use area has been upgraded with a new boat ramp, new restrooms, beach and picnic area and parking and gate improvements.

The district has been awarded a \$125,000 grant to improve the day use area at the main campground off Scotts Flat Road. Restrooms, a platform fishing ramp, picnic tables and parking improvements are planned. Construction is anticipated this fall.

Rainfall Season Ends With Near Record May

If the 2004-05 rainfall season seemed a bit longer than usual, it's probably because the month of May was very wet. In fact, it was the second wettest May in 119 years of NID weather records.

May, 2005 brought 13.62 inches of precipitation to NID's Bowman Reservoir (elev. 5,650 ft). This equals 390 percent of the 3.5-inch May average.

The wettest May on record? That was 55 years ago when May, 1950 produced 16.69 inches of precipitation.

This year, the wet May was offset by a dry February, which brought only 3.05 inches or 37 percent of average precipitation.

73.99-inch Season Total

The 12-month 2004-05 rainfall season (July 1-June 30) ended with a total 73.99 inches of precipitation - 107 percent of average - measured at Bowman Reservoir.

The season brought an early and deep snowpack that stored good levels of water through the winter. Snow surveys conducted May 1 showed a water content at 137 percent of average. May runoff was nearly 200 percent of average.

Good Water Supply

What all of this means is a bountiful water supply. NID's reservoirs filled and spilled and remained at near capacity levels in early July.

By July 1, NID water storage stood at 248,000 acre-feet, which is 99 percent of capacity and 113 percent of the historic average for this time of year.

NID Goes Solar in North Auburn



This is one of three solar panel arrays now generating electricity at NID's North Auburn Water Treatment Plant

NID is now generating solar electricity to meet some of the energy needs of the North Auburn Water Treatment Plant and Placer County Customer Service Office.

The solar system, installed by Alternative Power Systems of Grass Valley, includes 552 165-watt solar panels in three separate arrays at the NID site.

In operation since May, the system can generate 80 kilowatts of electricity and is expected to reduce site electricity costs by about 15 percent.

Half of the \$538,000 installation is being paid through a self-generation incentive grant that NID received from PG&E.

Based on performance of the new system, NID may consider additional solar installations in the years to come.

You're the Solution to Stormwater Pollution

As stormwater runs over city streets, rural roads, driveways, sidewalks and other parts of the landscape, it can pick up dirt, chemicals and other pollutants.

Wider public awareness of stormwater runoff can help in keeping these materials out of the water we use for swimming, fishing, and drinking.

Did you know that stormwater runoff in many Sierra foothill communities is drained directly into local creeks and rivers?

Use of home and garden products, vehicle fluids, septic system operation, car washing, even pet care, can affect water runoff.

The Placer County Department of Public Works has initiated an active stormwater quality program. To learn how you can help, call (530) 889-7500 or email stormwater@placer.ca.gov.

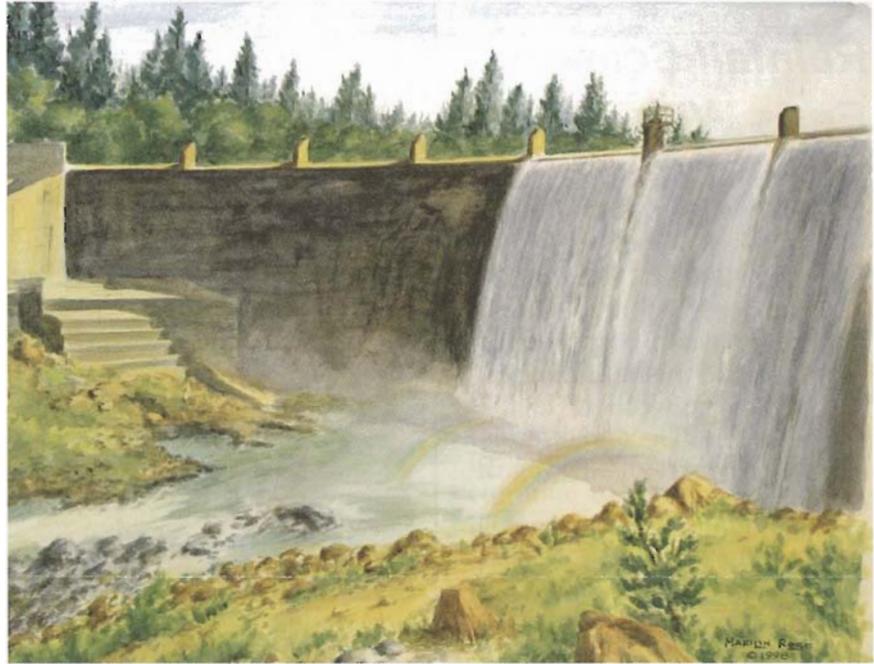


Water Art

A double rainbow rises from the mist at the base of NID's Van Giesen Dam in this painting by Nevada City artist Marilyn Rose.

Built in 1928 to hold back the waters of Combie Reservoir, Van Giesen Dam is the oldest dam in NID's Lower Division. The oldest dam in the district is at French Reservoir in the Mountain Division, constructed in 1858-59.

Rose, who works part-time in NID's Drafting Section, gave this painting to NID earlier this year. It presently hangs in the NID Administration Office.



• NID NEWS BRIEFS •

Browning Retires.

Longtime NID maintenance superintendent and lifelong area resident **Howard Browning**, right, retired on June 3. Browning joined NID in 1972, left to work in private industry and then returned to the district in 1986. He retires with 23 years of district service. He and his wife, Luauna, live in Grass Valley and are the parents of two sons.



Placer Office Hours Change. The NID Placer County Customer Service Office on Locksley Lane in North Auburn is now open to the public on Tuesdays and Thursdays only, from 8 a.m. to 5 p.m. (closed 1-2 for lunch). A drop box is located outside the front gate for customers who wish to drop off water payments.

Saving Money Through Refinancing. The district is moving forward with a plan to refinance the repayment of \$8.1 million in outstanding certificates of participation (COPs). It is estimated the district will save \$350,000 by taking advantage of today's more favorable interest rates in retiring the COPs, which were issued in 1997 to finance the Upper Cascade Flume Replacement Project.

NID at the County Fair. NID will be among the exhibitors at the 2005 Nevada County Fair, which runs Aug. 10-14. Numerous district employees will take turns staffing the booth, which will be located in the Main Exhibit Hall. Stop by for a visit.

Summer Activities at the NID Demonstration Garden

Would you like to learn more about composting, mulching or native plants?

These are among the subjects covered in workshops offered by the Nevada County Master Gardeners at the NID Demonstration garden.

Here are some of the upcoming activities at the garden, which is located off West Main Street next to the NID Business Center in Grass Valley. For information, call (530) 273-0919.

July 16	Composting:
	Working with Worms
Aug. 27	California Native Plants
Sept. 10	Community Open House at the Garden
Oct. 8	Fall Fest & Plant Sale
Nov. 5	Designing with Native Grasses

How to Contact Your Elected Board

- DIVISION I - Nevada City Area
Nancy Weber, (530) 265-0424
- DIVISION II - Grass Valley-Chicago Park
John Drew, (530) 272-5257
- DIVISION III - Lake of the Pines-Alta Sierra
Dr. Scott Miller, Call NID (530) 273-6185, ext. 222
- DIVISION IV - Lincoln-North Auburn
R. Paul Williams (916) 645-8507
- DIVISION V - Penn Valley-Lake Wildwood
George Leipzig (530) 432-2492

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Commemorative**
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**Gravel Washes
Into Reservoir**
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**'Creek Week'
in May**
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NID WaterWays

A Newsletter to the Customers
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Volume 26 • Number 1 • Spring, 2005

Snowpack Holds Good Water Supply

The 2004-05 rainfall year has produced a number of significant storms and an abundant snowpack on NID high mountain watershed.

In the official April 1 snow survey, the year's best indicator of water supplies, NID snow surveyors measured 126 percent of average water content in the mountain snowpack.

NID collects snowpack runoff on a 170,000-acre mountain watershed, stores the water in 10 reservoirs and supplies water to nearly 24,000 homes, farms and businesses in the district.

In the April snow survey, taken at elevations ranging from 4,850 to 7,800 feet, NID snow surveyors found an average water content of 42.7 inches, which is 26 percent higher than the 34-inch historical average for April 1.

(Please See Snow Survey, Page 3)

2005 Irrigation Season is Up and Running

Most NID customers count on having water 24 hours a day, 365 days a year. Not so for about 5000 irrigation water customers who purchase their water on a seasonal basis.

The NID irrigation season runs from on or about April 15 through October 14 each year. During this time, water is transported through a vast network of canals, many of which are not used during the winter months.



NID Water Supt. Warren Hart releases irrigation water from Loma Rica Reservoir into the Chicago Park Canal.

Canal water nourishes crops in wide areas of Nevada and Placer counties. NID irrigation water is used in pastures, orchards, vineyards, family gardens, landscapes, golf courses and in many other ways.

Irrigation water fills ponds and reservoirs for stock watering, fire suppression and recreation. The availability of irrigation water is a key factor in the preservation of open space greenbelt areas.

Gravel Takes Up Valuable Water Storage Space in Rollins Reservoir

Rollins Reservoir was built 40 years ago and since that time, gravel and sediment from the Bear River have washed downriver into the reservoir, claiming valuable water storage space.

To prevent this buildup, NID for many years contracted with local aggregate companies to remove the material, which is a valuable product in the construction and road building industries.

Aggregate removal continued on the river above Rollins from 1971-1999 but after questions arose as part of a lease renewal, activities were suspended.

To gain a deeper understanding of the gravel buildup, NID last year contracted with Engeo, Inc. of Roseville to perform a sedimentation study. The study is now in draft form and a final report is expected to go to the NID Board of Directors this spring.

"The purpose of the study is to find out if continued aggregate removal will be in the public's best interest and help preserve storage space in the reservoir," said NID Asst. Manager Tim Crough.

Preliminary findings indicate that at least 3000 acre-feet of water storage capacity has been lost over the past 40 years and that without aggregate removal the loss of space will accelerate.

Crough said the study is examining five key areas, 1) storage capacity, 2) effects on the integrity of the dam and reservoir, 3) effects on public recreation, 4) effects on water quality, and 5) monetary benefits related to aggregate removal.

Sediment buildup is also a problem at downstream Combie Reservoir and Crough said information from the study could also benefit planning for that area.

Remembering Ernie Bierwagen

The late Ernst L. "Ernie" Bierwagen was a widely respected community leader who served six elected terms and 25 years on the NID Board of Directors.

Now, through a community effort, Mr. Bierwagen's life and career will be recognized at a commemorative site on NID property overlooking Rollins Reservoir.

A groundbreaking ceremony is tentatively scheduled for May 19 at 4 p.m. at the Orchard Springs Campground, followed by a reception at the Happy Apple Kitchen.

A special donation account has been opened at the Grass Valley Bank of America and donations may be mailed to the Bierwagen Commemorative Fund, c/o NID, P.O. Box 459003, Grass Valley, CA 95945.

Mr. Bierwagen, a lifelong Chicago Park resident and orchardist, died in February, 2004 at the age of 88.

For information on the community effort, contact NID Board President John Drew at (530) 272-5257.



Personnel Notes



Clockwise,
from
above,
Powell,
Lantz,
Hoskin



Brian J. Powell, an engineer with the district since 1997, has been appointed as NID Maintenance Manager. In his new position, Powell will oversee NID's largest department and the activities of 62 employees.

Powell succeeds **Robin Lantz**, who retires May 5. Lantz, a Grass Valley resident, spent 15 years with the district, including eight years as Maintenance Manager.

Leland A. "Lee" Hoskin, Senior Right-of-Way Agent, and with 35 years of service NID's senior employee, retires May 6. Hoskin plans to enjoy retirement in Grass Valley.

Weather Delays Work at Cascade Shores

Wet weather throughout the winter has delayed completion of recreational improvements at Scotts Flat Reservoir, but NID and its contractor planned to have the work done by Memorial Day.

The improvements at the Cascade Shores day use area include a new boat ramp, which has been completed. Work still in progress includes a new boat boarding float, new restrooms, day use area, beach area and parking lot improvements.

Contractor Cache Creek Construction of Redding began work in September and experienced weather delays a month later. Work was suspended in December due to wet conditions.

The improvements are being funded through a grant from the California Department of Boating and Waterways.