AWWA PNWS 2014 Eugene Conference

Rainbow Water District Presenters: Dean Hill and Jamie Porter

RAINBOW WATER DISTRICT

COMPARISON OF ACTUAL OPERATIONS WITH BUDGET ESTIMATE

Schedule III

Year Ending June 30, 1951

	Budget for Year 1950-51	Actual for Year 1950-51	Balance or Overdraft
BALANCE, July 1, 1950	None	146,005.04	146,005.04
RECEIPTS:			
Sale of Water	6,000.00	4,391.29	1,608.71
Tax Collections	5,500.00	4,114.36	1,385.64
Contributions in Aid of Construction	1,750.00	8,060.56	6,310.56
Customers' Advances for Construction		590.00	590.00
Total Receipts and Balance	13,250.00	163,161.25	149,911.25
EXPENDITURES:			
Operating Expenses:			
Water Purchased	2,000.00	2,202.11	202.11
Maintenance - Distribution System	100.00	47.62	52.38
Customers' Billing and Collecting	800.00	2,386.15	1,586.15
Bad Debts	50.00		50.00
General Office Supplies and Expense	150.00	379.98	229.98
Special Services	175.00	100.00	75.00
Legal Services	100.00		100.00
Insurance	175.00	199.69	24.69
Miscellaneous General Expense	100.00		100.00
Salaries - General Officers	120.00		120.00
Emergency Fund	506.25		506.25
Total Operating Expenses	4,276.25	5,315.55	1,039.30
Capital Improvements:			
Construction in Progress		138,608.02	138,608.02
Office Equipment	1,000.00	117.50	117.50
Distribution Mains	750.00	5,210.06	4,210.06
Services	1,000.00	425.68	324.32
Meters		320.53	679.47
Hydrants		450.18	450.18
Tools and Work Equipment		736.37	436.37
Total Capital Improvements	300.00	145,868.34	142,818.34
Financial Expenses:	3,050.00		
Bond Interest Expense	4,923.75	3,282.50	1,641.25
Sinking Fund Appropriation and Debt Retirement	1,000.00	1,000.00	-
Total Financial Expenses	5,923.75	4,282.50	1,641.25
Total Expenditures	13,250.00	155,466.39	142,216.39
BALANCE, June 30, 1951	None	$ 7,694.86	$ 7,694.86

JAY HICKS, JR., superintendent of the new Rainbow Water District north of Springld, turns on a meter for the new system which is going into service this week. Watchg him are Paul A. Braun, foreman for Inter-City Sand and Gravel, which did the job, lbert A. Brown, secretary of the board, and Adrian Vaaler, engineer. The new system, hich will serve 300 users when it is hooked up, will depend on more than 40,000 feet pipe. Water will be purchased from the Eugene Water and Electric Board.

Domestic Water & Fire Protection

STUB
To Be Torn Off By Chairman

STUB
To Be Torn Off By First Clerk

OFFICIAL BALLOT
For the Special Election for the Rainbow Water District
Monday, June 9, 1952

MARK A CROSS (X) BETWEEN THE NUMBER AND THE WORD YES OR NO

Shall the Rainbow Water District be empowered to provide protection for its inhabitants from fire, and for that purpose to either purchase fire apparatus and equipment and to maintain, service, and operate the same, or to contract with any city, town or rural fire protection district, or other municipal corporation for fire protection, or to do either or any combination of the foregoing, and to levy a tax not exceeding six (6) mills on the dollar, per annum, upon all the assessable property within the district, for the expense of providing, maintaining, operating and servicing such fire equipment, or to contract with any city, town or rural fire protection district for this purpose?

Vote Yes or No

700_____YES I vote for fire protection

701_____NO I vote against fire protection

PROPOSED BY RESOLUTION OF THE BOARD OF COMMISSIONERS OF THE RAINBOW WATER DISTRICT, AND REFERRED TO THE ELECTORS

RAINBOW WATER DISTRICT WATER BONDS:

Shall the Board of Commissioners of the Rainbow Water District be authorized and directed to issue, sell and dispose of bonds in a sum not to exceed Twenty-four Thousand Dollars ($24,000.00), and to use the proceeds thereof for the construction, enlargement, extension and maintenance of a water system, supplying the inhabitants of said District with water for domestic purposes?

1955
WATER WORKS
OPERATORS
SHORT SCHOOL

City of Springfield, OR
Aerial Photo Flown March, 2008
McKenzie
River
Willamette
River
Middle
Fork
Willamette
River
NORTH
City Limits
UGB
SPRINGFIELD
OREGON
0
0.25
0.5
1 Mile
There are no warranties that accompany this product. Users assume all responsibility for any loss or damage arising from any error, omission, or positional inaccuracy of this product.
City of Springfield, Public Works TSD - March 2011

Searching For Water

1956 Weyerhaeuser Wellfield

Ownership at Less Than Now Paying to Eugene Water Board

Rainbow, McKenzie Water Dis trict Heads Talk New Supply

Chairmen Ben Roblieder and Warren Collins of Rainbow and McKenzie River Water districts their own water supply with Howard T. Harstad, right, Seattle consulting engineer, who recom-

Pumps, Mains for New Well Water Supply

The Rainbow and McKenzie Water districts are going forward rapidly on their new water supply system, authorized earlier this year by bond elections. Superintendent Jay Hicks said today that the

1957
New Control House

Rainbow, McKenzie Districts Break Ground for Control House

Members of the Rainbow and McKenzie Highway water district boards handed their superintendent, Jay C .Hicks, the shovel for groundbreaking ceremonies for the new control house of their joint new water supply system the past weekend. Others in the pictures, from left, are: John Bachman, McKenzie; M. G. (Mike) Strahon, construction foreman for Albert Vik and Sons co.; John Gischel, McKenzie; Delbert Brown, Rainbow; Dale Ingwersen and Warren Collins, McKenzie. Actual work on the control house was begun today by the contractor. The building is located just east of the old Highbanks road northward extension of 42nd st., near where newly drilled wells of the two districts are located.

Page School
Feb. 11, 1957

Dear Mr. Hicks,

We really enjoyed your visit to Page School. For a minute we thought you were not coming. Just about the time we were going to give up, you walked in the door.

I'm sure all of the class enjoyed your visit. We learned many things about water from you.

Sincerely yours,
Danny Bennett

1958-59 Kelly Reservoir

JAY E. OLDHAM

DEC • 60

CONCRETE PIPE
815-415

Our Water – 1,000 PSI!

TESTING PRESSURE—D. F. Wagner, engineer for the Oregon Fire Insurance Rating bureau, tests the water pressure at a Rainbow Water district hydrant located at Farmdale Plaza on Wednesday of last week. The gauge showed a pressure of just over 1,000 pounds at the outlet. Purpose of the test is to obtain a lower insurance rating for the district which the board anticipates will be lowered from seven to six during the coming year as a result of the improved fire protection provided through improved water facilities by the Springfield fire department.

1965
Chase
Wellfield

1965 Chase Wellfield Transmission, Chlorine

1965 Moe Reservoir

(Register-Guard photo by Wayne Eastburn)

Puzzle A large wooden framework appearing much like a massive jig-saw puzzle is rising atop a hill just off Mohawk Road, northeast of Springfield. The tall structure represents the initial phases of construction of a new 2-million-gallon-capacity water storage reservoir for the Rainbow Water District. The reservoir will be some 47½-feet high and 86 feet in diameter. It is being built under a $110,400 contract by Crom Pre-stress Co., of Lake Tahoe, Nev.

CONSTRUCTION ON THE NEW TWO million gallon storage reservoir for the Rainbow Water District, located north of Mohawk Rd., is rapidly nearing completion as other work on the over-all expansion of the district's water plant continues. Superintendent Jay Hicks reported Monday that work on a new chlorine control building is about 85 percent completed and that the last of new 24-inch mains leading from the new reservoir to the control house will probably be finished this week. The work is part of the $346,000 expansion project authorized by district voters last January. Last week, a contract for pumping equipment for a new water well located north of Hayden Bridge Rd. was awarded by the district to Carter's Well Drilling of Springfield for a figure of $8,360, according to Hicks. (News photo by Edward Ehrlich)

JAY HICKS, superintendent for the Rainbow Water district and David Rodakowski, 15, look over some of the bone relics unearthed as a district water line was being dug.

Sept 2, 1965

THE TAPE MEASURE indicates the spread of these similar bones as they were found near the property of Mr. and Mrs. Mike J. Rodakowski, 2680 Harvest lane.

Sept 2 1965

WHAT KIND OF BONES are they? Excavation crews, digging a ditch for a water main, uncovered them about four feet below the surface of the ground in a field north of Hayden Bridge road some 200 yards south of the McKenzie river. Youthful members of the co munity are making guesses. (News photos by Edward Ehrl

Additional photos on Page

Mystery of Bones Unsolved

By CARL NEWCOMB JR.

up the season's bean harvest.

"As soon as the word spread

Speculation runs that the bones could be those of an oxen which

idea of cooking up one of

larger bones to see what kin

R-GUARD, Sunday, Sept. 5, 1965

(Register-Guard photo)

David Rodakowski Looks Over 'Ol' Paint's' Skull

Skeleton Identified That of a Horse

Some 65 years ago, more or less, a small horse breathed his last and fell to the ground near the McKenzie River north of what now is Springfield.

Time passed and last week the horse's skeleton was found when the wall of a ditch dug by a Rainbow Water Dist. crew caved in.

The digging crew moved on, but it wasn't long before the ditch was swarming with young neighborhood "archeologists."

Two chipped stone tools were found in the ditch, leading to speculation about how the then unidentified beast had died.

Most of the bones, and the two tools, were gathered by 15-year-old David Rodakowski of 2680 Harvest Lane, Springfield.

The bones were spread out on a table in the Rodakowski's garage, and soon were a major "back-fence" topic.

The kids had some ideas: "It was probably a dinosaur, and he was killed by cavemen with those spear heads."

Of course not, the parents commented: "It was probably a bear, and he was killed by Indians with those arrow heads."

Both groups seemed certain that it couldn't be anything as mundane as some old cow or horse.

But it really was Ol' Paint, and was so identified Saturday night by David Cole, curator of anthropology for the University of Oregon.

Cole made a special trip into Eugene to help clear up the mystery, and immediately identified the bones as those of a modern-type horse.

After some more study and comparison with samples at the UO Museum of Natural History, Cole estimated the horse died about 1900.

"The chipped stone tools had nothing to do with the fate of the animal, and probably were manufactured many years before the horse died," he said.

One of the tools, made of obsidian, resembles instruments which have come from southeast Oregon, Cole said. The other one, made of chert, a flint-like rock, could have originated in this area, he said.

One thing that could have led to the neighborhood speculation was the condition of the skull, according to Cole. It was warped in several places which gave it a flat look unlike most people's ideas of a horse face.

"It happens quite often — something is dug up and it isn't easily recognizable," Cole said. "We're glad to look them over though."

1967 Streetlight System

THE RAINBOW WATER DISTRICT will have street lighting after July 1 under a contract with Pacific Power & Light Co. and Eugene Water and Electric Board at a total annual rate of $5,530. The lighting project was authorized by district voters at a December election. PP&L will install 62 of the mercury vapor lights, and EWEB 42, at the points indicated by circles in the map above. A hearing on the district's budget will be held at Briggs Junior High school on June 5. District Superintendent Jay Hicks reported that the total tax levy will be $50,028.81 of which $48,085.91 is for fire protection provided by the Springfield Fire department. The remaining $1,942.90 will be applied to debt service. The remainder of necessary revenues to operate the district comes from sale of water. Although more than $5,000 in additional services will be provided, the tax levy is down $8,000 from this year, Hicks noted.

THE RAINBOW WATER DISTRICT will inaugurate a street lighting system on Saturday. Installation of 62 lights by Pacific Power and Light Co. and 41 by Eugene Water and Electric Board is now under way and will be completed by Friday. The program was authorized by district voters at an election in December. Thirty-two lamps of 21,000 lumen intensity are being erected at intersections and smaller 7,000 lumen lights at other locations. Contract cost for the mercury-vapor street lighting will be $5,530 annually. Examining one of the larger lights above are: Marty Edberg, Springfield PP&L district manager; Bob Kelley, chairman of the Rainbow Water District board; Tom Hooten, vice-chairman, and Jay Hicks, Rainbow superintendent. One of the lights is being placed at left (News photos by Edward Ehrlich)

NEW VIEWS of Springfield's major highway project completed in 1967 are shown. Photo above shows the Interstate 105 overpass at High Banks road. At right shows part of the freeway extension from High Banks to its connection with Main street near 57th. Aerial photos were taken by the Oregon State Highway Department.

1978
A headline any water utility would love to get?

Springfield News

75TH YEAR, NO. 81 SPRINGFIELD, OREGON, THURSDAY, OCTOBER 5, 1978 2 SECTIONS -- 26 PAGES 15 CENTS

Feds file lawsuit demanding Rainbow water

By DENNIS PFAFF
News Staff Writer

The U.S. Postal Service is taking a tough legal stand against the Rainbow Water District's demand that it pay $35,000 benefited property charge before water is hooked up to its giant distribution facility on Gateway Street in Springfield.

Citing construction delays resulting from the lack of full service to the facility, U.S. Attorney Sidney Lezak Tuesday filed a lengthy complaint and a set of briefs in U.S. District Court in Portland demanding both temporary and permanent injunctions to force the district to supply water to the building.

The complaint also asks the court to require the return of any money the Postal Service eventually pays on the property charge and asks Rainbow to pay for increased costs' associated with construction delays.

The complaint stems from last week's refusal by the Rainbow board to accept a $35,610.75 check for the charges because it was tendered under protest and because the government threatened to sue to get the money back, plus interest.

The issue has been simmering since last winter when the district first attempted to bill the government for the charge, which is levied against all developers in newly developing areas to pay for fire-flow installations and improvements to the water system.

The government position is that the charge is an illegal local tax against it, while the district has contended the money is used specifically for water system improvements of direct benefit to the developments involved.

A key issue is that the charge is levied on a square-foot basis, rather than on the amount of water actually used by a new customer.

Full water service was supposed to have been supplied to the postal facility on Sept. 15, but the board has adamantly refused to hook up the water until the government sends the money "with no strings attached."

A hearing on the preliminary injunction to force the hook-up is scheduled for 1 p.m. Oct. 12 in the federal courthouse in Eugene, with Federal District Court Judge Robert Belloni presiding.

Besides demanding that water be hooked up, the complaint asks for $100 a day in increased costs to be paid by Rainbow between Sept. 15 nd Dec. 15. After that, the complaint asks for an additional $300 a day.

The government, in an affidavit filed by Vincent Hennessey, the Postal Service's contracting officer for the project, contends that the lack of an adequate water supply will force the contractors of the project to seek an alternate heating supply to be able to finish painting and other interior work.

That, Hennessey alleges, will cost $100 a day. the additional $300 is the amount Hennessey caluclates the contractor will charge for each day lost in the final construction.

The building is scheduled for final acceptance by the Postal Service on Feb. 4.

John Stoll, the estimating manager for Vik Construction, which is constructing the building, couldn't say when asked if the lack of water would actually delay the final finishing date.

Stoll, however, said the builders are getting to the point where full water service is needed to test all of the facility's plumbing and fire control systems.

Although the building has had temporary water supply provided by Rainbow since construction started, Stoll said, "We're getting to the point where we need the full system."

He said Vik is trying to stay out of the argument between Rainbow and the Postal Service and he was reluctant to answer specific questions about dates and costs when asked by a reporter.

"That is a problem they've got to decide among themselves.," Stoll said.

The chairman of the Rainbow board, however, was adamant about the board's position on the matter.

"I just don't feel like the rest of the rate-payers in the system should pick up the tab for 'em," said board chairman Jack Kephart. "They (the Postal Service) can stick it."

1980's Q Street Well Hydrants On Parade Japanese Trade Delegation

1985
News
Centennial Edition

RAINBOW WATER DISTRICT

"Proudly serving North and West Springfield"

Rainbow Water District was voted into existence in 1949 to counter the increased likelihood of private well contamination and the need for more efficent fire portection in north and west Springfield.

A publicly owned water utility, Rainbow Water District began water service to 300 customers in October, 1950. Many residents soon requested water main extensions along their street. Within six years, the district joined with the McKenzie Highway Water District and drilled deep wells along the McKenzie River near the Weyerhaeuser plant. This water supply freed both utilities from purchasing water from EWEB.

Continued population growth led to increased water demand. A one million gallon reservoir atop Kelly Butte and four new wells near Hayden Bridge Road were added. Commercial developments in the Gateway and Springfield Mall areas required large volumes of water for fire fighting. Miles of pipelines and a two million gallon reservoir on Moe Hill met these needs.

Fire protection for district residents was one of the reasons for forming the Rainbow Water District. In its first year, Rainbow's elected commissioners signed a contract with the Springfield Fire Department to supply firefighters and equipment while Rainbow supplied mains, hydrants and water. This partnership continues to this day. The "Rainbow Water District" item on a homeowners tax bill is used soley to pay the fire department's fee.

Today, ten Rainbow employees serve over 17,000 people, one third of the Springfield area. In 1983, water rates were cut by 8.1 percent. Rainbow customers outside the city now pay the lowest water rates in the area. Customers living inside the city limits are charged SUB rates, and Rainbow turns over to SUB the difference between its rates and theirs.

As the area looks to attract new industry and diversify its economy, the Rainbow Water District stands ready to serve water needs in such promising areas as the north Gateway site, the Pierce property and the Gateway commercial area. Rainbow is truly helping the area into a bright future.

1994 Marcola Water District

1995-96 Carbon Filters & Moe Reservoir

2010
Tim
Hanley's
Retirement

Section D

Eugene Register-Guard

General New

EUGENE, OREGON, SUNDAY, MARCH 21, 1971

As years pass, Rainbow district will dwindle away

By DON FLOYD
Of the Register-Guard

The Rainbow Water District near Springfield is a drop in the governmental bucket, and is destined to evaporate someday.

Unlike most other governmental agencies, it is not the fate of Rainbow to keep growing larger. In fact, as the years pass, the district will dwindle away.

actually losing ground to the city because of annexations, Chase said it continues to grow in new customers.

"We've gained every year," Chase said. "Last year, we gained 141 customers. Before that it was about 100 each year, some of whom are in the city."

But the district is now against the wall.

Since the district has reached a natural boundary to the north

the city is served water by two different agencies — SUB, a public agency, and Pacific Power & Light Co., (PP&L), a private company.

SUB, which has no water facilities west of 28th Street, serves city residents in the general area of east Springfield. PP&L serves the west half of Springfield.

SUB and Rainbow officials are now in the process of negotiating an agreement whereby more than 200 acres of

Each agency, in addition, has separate well
Rainbow's two reservoirs are located in the mor
of the district and SUB's two are in east Springfie

Prior to 1957, Rainbow and what was th
Highway Water District received their water
Eugene Water & Electric Board Hayden bridge f
year, however, the Rainbow-McKenzie well fie
and became the sole source of supply for the tw
When the McKenzie district was annexed int

2014 The same, and yet, different…

2014 Chase Wellfield Expansion