The original treatment facility was constructed and placed in operation in the 1950's. The plant consisted of influent pumping, grit removal, primary clarifiers, chlorine disinfection and anaerobic digestion. Two 10.5 mgd activated sludge treatment trains were constructed in 1972, and a third 10.5 mgd train was constructed in 1975. In 1994, a fourth activated sludge treatment train was constructed along with replacement of the bar screens at the influent lift station, two additional gravity thickeners, two additional anaerobic digesters and dechlorination facilities. In 1996, new chlorination facilities, and intermediate lift station and bioselectors were added to the plant. Offsite sludge dewatering facilities were also constructed in 1996.

The treatment plant is designed for an average flow of 42 mgd. Wastewater enters the treatment plant through a 36-inch force main from the Cherry Creek Lift Station, a 24-inch force main from the 71st Street Lift Station, and a 24-inch gravity line from Mooser Creek. Wastewater also enters the treatment plant from two 36-inch gravity sewers from the east bank of the Arkansas River. The plant liquid treatment includes offsite flow equalization, influent pumping and screening, grit removal, primary settling, intermediate pumping, an activated sludge process with bioselectors, final clarification and disinfection. The solids treatment process includes gravity thickening, sludge stabilization by anaerobic digestion, sludge dewatering, stabilized sludge storage and land application.

### Ongoing Contracts

**Engineering Contracts**

- SS -
- SA 05-01 CC LS Bar Screen Replacement/Odor Control
- SA 05-19 Disinfection Improvements
- ES 2005-05 Activated Sludge Train Rehab

**NS -**

- SA 05-19 Disinfection Improvement
- ES 2007-01 Digester 1-4 Rehab
- ES2007-02 Headworks, Gravity Thickeners & Lagoon Improvement

**LBC**

- ES 2006-01 Expansion

**WPC Contracts**

- WPC11-1 Painting
- WPC11-2 Belt Filter Press Repair
- WPC11-4 Equipment Replacement
- WPC11-5 Equipment Replacement
- WPC11-7 HVAC Replacement
- WPC12-1 Equipment Replacement
- WPC12-2 Equipment Replacement
- WPC12-3 Equipment Replacement
Featuring BMP: SWP3

What is SWP3 BMP? SWP3 BMP is Stormwater Pollution Prevention Program Best Management Practice. In the current Permit the only major change DEQ made was adding Monthly Inspections. Monthly Inspections are completed by operators to look for any violations at the plant.

The following is the criteria for the Quarterly Visual Monitoring:
- Must be documented on the Quarterly Visual Monitoring Form
- Made during daylight hours
- Samples must be collected within 30 minutes but not exceed 1 hour of a rain event
- Document Color, odor, clarity, solids, foam, sheen, or other pollutants
- Conducted in well-lighted area
- Samples collected from a storm event of less .1 inch and occurs greater than 72 hours from previous rain event
- If no run-off occurred must put “No Run-off Occurred” on form

Remember that a structural BMP is something that you can physically put in place such as: hay bales, silt fence, drain covers, vegetation, vegetative swells, and pervious or impervious surfaces. A non structural BMP is something that is considered preventative maintenance and it consist of good housekeeping, minimize exposure, spill prevention and response procedures, routine facility inspections, and employee training.
New Employees:  
Carol Rikard  
SS Operator  

Casey Jo Davidson  
NS Mechanic  

David Tyler  
NS Mechanic  

David Taylor  
NS Operator  

COT Anniversaries:  
5 years:  
Julia Collins/SS  

10 years:  
Nikolas Harris/SS  
John Mueller/NS  

Promotion:  
Terrence Hutton/Biosolids - Crew Leader III  
Dwayne Anderson/Biosolids - Crew Leader II  
Nick David/NS - Mejo  

Retirement & Moving On:  
Josh Cook/SS, accepted a position at Airgas.  
David Deen/Biosolids, transfer to Surface Drainage.  
Gordy Mondragon/SS, transfer to Airport.  

KEVIN DERRICK  
Kevin started working for the COT as a Treatment Plant Operator on Nov 19, 1981 at Hailey Creek. In his 30+ years working at Hailey he has seen numerous plant expansions. 15 of those years he competed for operation of the plant as a contractor. He has worked for five different Plant Superintendents during his career. The only thing that has been consistent over the years at Hailey has been Kevin's dedication to produce the cleanest effluent at the lowest possible cost. Congratulations Kevin for all the hard work and dedication you give.  

JOHN CURRY  
John has taken personal responsibility for making sure that the equipment he works on is both electrically and mechanically sound before turning it back over to the plants. He ensures that his staff holds to the same standards of work. John also demonstrates outstanding troubleshooting and problem solving skills which minimizes downtime on essential plant equipment. Congratulations John for all the hard work and dedication you give.  

NAOMI CRAWFORD  
We would like to extend our appreciation to Naomi Crawford for her tireless efforts. Naomi works diligently everyday and never complains. She has done an exemplary job managing all the personnel, purchasing and regulatory documents as the Office Administrator for both the Northside and Lower Bird Creek Water Pollution Control Facilities. Congratulations Naomi for all the hard work and dedication you give.  

JAMES FOWLER  
James is instrumental in keeping the Southside construction projects going. He has worked hard cleaning out large tanks in a timely manner to turn over to contractors. James has participated in large plant shutdowns and keeps the facility in compliance. He has a very high energy level and is always willing to help complete different tasks. He performs plant clean-up projects and provides high quality work. Congratulations James for all the hard work and dedication you give.
Angel Lush with Pineapple

Ingredients
- 1 can (20oz) Dole crushed pineapple in juice, undrained
- 1 pkg (3.4oz) Jell-o vanilla flavor instant pudding
- 1 c thawed cool whip whipped topping
- 1 pkg (10oz) round angel food cake, cut into 3 layers
- 10 small fresh strawberries

Directions
- Mix pineapple and dry pudding mix. Gently stir in cool whip.
- Stack cake layers on plate, spreading pudding mixture between layers on to of cake.
- Refrigerate 1 hour. Top with strawberries.
- Serves 10

!! Birthdays!!

January
Chance Franklin/HC - 3rd
Kenn Shearer/NS - 5th
Kevin Sparks/LBC - 7th
Bill Sumpter/Support - 7th
Tim Leister/I&C - 12th
Nathan Vega/NS - 12th
Karl Pierce/Biosolids - 14th
Don Spear/Support - 22nd
John Mueller/NS - 27th
Kip Martin/NS - 28th

February
Nikolas Harris/SS - 2nd
Kevin Derrick/HC - 4th
Scott Epperly/HC - 6th
Ed Jackson/SS - 7th
Mike Bruner/Biosolids - 9th
Andy Lankford/HC - 9th
Michael Sanders/SS - 10th
Theresa Stutzman/SS - 10th
Shawn Glen/NS - 12th
Gerald Baker/HC - 15th

Devin Cole/NS - 20th
Leon Hobson/NS - 23rd
Dwayne Anderson/Biosolids - 26th

March
Joseph Dale/SS - 9th
Brian Edmonson/HC - 12th
Julia Collins/SS - 16th
Steve Baldwin/NS - 26th

Have any questions, comments, or something you would like to see in the newsletter contact
Ann Nuttall
918-596-9704

Trivia Answer:
SS and HC receiving stream is the Arkansas River.
NS and LBC receiving stream is Lower Bird Creek.