
**THREE RIVERS SCHOOL DISTRICT
MAINTENANCE DEPARTMENT
October 2008
BOARD REPORT**

October 9, 2008

Board of Directors
Dan Huber-Kantola, Superintendent
Three Rivers School District

With the fall weather approaching us very fast, our staff and contractors have been working very hard to get projects completed before the wet and cold weather hits. You will find listed below highlights of some of our on-going projects.

PERSONNEL:

- 1.0 Boiler Operation Training:
 - 1.1 On September 18th and 19th, Southern Oregon ESD hosted a training class covering boiler operations.
 - 1.2 Don Hiler, Richard Krull, Jeff Sage, and Stan Warren from our Maintenance Department attended.
 - 1.3 The cost for this class was paid for from the OSEA Classified Staff Development fund. Thank you to our Classified OSEA group for sponsoring this program.
 - 1.4 All four men found this class to be very educational and well worth their time. The training they received can now be passed on to other employees.

MAINTENANCE:

- 1.0 Energy saving projects at HVHS, Fort Vannoy, and Manzanita:
 - 1.1 As I reported earlier, this large project is in three phases: Lighting, Mechanical, and Controls / Commissioning.
- 2.0 Lighting:
 - 2.1 On Thursday, October 2nd, a 'substantial completion' inspection walk-thru was conducted at all three schools. Brian Day Electric was also part of the inspection team.
 - 2.2 Over all, the inspection proved to be very good with just a few items from each school that needed to be re-addressed.
 - 2.3 The school's Administrators and staff had only positive things to say about this project.
- 3.0 Mechanical:
 - 3.1 The Fort Vannoy air handlers will be completed on October 9th, 2008, and started up that afternoon. All the duct work is in place, and ready to go. The contractors have been pushing this project very hard to try and beat the weather. The school personnel are very excited over this project.
 - 3.2 The new boilers at Hidden Valley H.S., Fort Vannoy, and Manzanita are in place, and soon will be ready to fire up.
 - 3.2.1 HVHS: Most everything is completed on this project with a tentative fire up time of October 13, 2008.
 - 3.2.2 Manzanita: They are still working on installing by-pass valves, but the tentative fire-up time on this boiler is also October 13, 2008.
 - 3.2.3 Fort Vannoy: Most everything is completed on this project and once again the fire-up will be October 13, 2008.
 - 3.2.4 As I reported earlier, after all boilers are operational, they will then be inspected by the state inspector.
- 4.0 Controls / Commissioning:
 - 4.1 Automated Building Controls (ABC) and Brian Day Electric are moving along on schedule with this portion of the project.
 - 4.2 We are looking at some time in November before we have completion of this phase.
- 5.0 New Security Fence at Lorna Byrne Middle School:
 - 5.1 After starting our new Special Ed classes at LBMS, it was decided to install a play yard security fence at the north end area of the school for these students.
 - 5.2 Caveman Fencing was low bidder on this project, and will be installing next week. (the week of Oct. 13th)
- 6.0 Press Box Facility at Illinois Valley H.S. Football Field:
 - 6.1 This project is being addressed by a lot of donated contractor's labor.

- 6.2 This building is approximately 65% completed, and I can assure you that it is a wonderful addition to this complex.

CUSTODIAL:

1.0 Jim Bunge, Custodial Manager, will be conducting a Custodial Safety Training class on October 10th. Due to the unusually large number of accidents that we have had in the past 2 months, we have decided to get together and work as a team to help make this department safer. They will review our annual safety training that was conducted in June, and get input from each other on how we can head off potential injuries.

TRANSPORTATION:

- 1.0 We purchased a used 2004 Chevrolet ¾ ton van for maintenance. It came equipped with tool boxes on the inside, so there were no additional costs to have them installed. This vehicle replaces a very, very old van that had serious mechanical problems.
- 2.0 Rick Grosenbach, Mechanical Maintenance Technician, applied for, and received a Fleet Identification Number (F.I.N.#). This allowed us to save over \$10,000.00 on our purchase of 2 brand new 2008 Ford Focus's for district use.

ENERGY:

- 1.0 The following report was submitted by Jim Bunge, Resource Conservation Manager.
- 2.0 We are very happy to say that we continue to make good progress in our efforts to save energy throughout the District.
- 2.1 With the efforts of everyone in the District, we ended last year down 13% in consumption, compared to the year before. As you can see by the numbers, we have started off well in our efforts.
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| kWh Consumed FY'07: | 7,097,616 |
| kWh Consumed FY'08: | <u>6,167,634</u> |
| Decrease: | 929,982 |
- That translates into \$47,449.00 less spent in FY'08, compared to FY'07. This data is comprised from the district energy bills.
- We have started off FY'09 on a high note also. I would like to point out what two of our schools were able to do over this summer (08) compared to the previous one (07).

Illinois Valley H.S.—Through the efforts of the custodial and maintenance staffs, they were able to reduce their consumption by a whopping 70% in the July/August billing period compared to last year! That is a savings of \$1940.00 compared to last year. How did they do it? They worked together to shut down all non-essential equipment and lighting. They started HVAC units and turned lights on only when those areas were being occupied during working hours. They made the sacrifice to work in warmer rooms in order to help save the district energy. Without their efforts this would not have been possible. They are setting the standard for all of us to follow.

Hidden Valley H.S.—They also were able to make a huge effort in their savings over the summer. They were able to reduce the school's consumption by 56% during the Jun/July billing period, and by 47% in the July/Aug period. That is a total savings of 51% in consumption and \$3079.00 over the two billing periods compared to last year. Again, this can not be done without the efforts of our custodial and maintenance crews.

Those are just two of our success stories. Over-all, we are down again this year, but there is still much more we can do to help out and in the up-coming months we will present a plan to help further save the district in energy costs. We welcome any suggestions that you may have to help this program move forward and continue to be successful.

Great Job to all!

Summary:

Besides all the work that I have mentioned in the report, I want to add that our Maintenance Tech's have stayed extremely busy with their day-to-day work orders.
A Big Thank You to our Great Staff!

Respectfully Submitted

Lloyd Russell

Director of Plant Operations / Maintenance

Xc: Paul Overly, Aramark District Manager