

## Sheplak, Scott

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**From:** Perrin, Kyle [Kyle.Perrin@hdrinc.com]  
**Sent:** Thursday, March 03, 2011 2:53 PM  
**To:** Dunbar, Kirk  
**Subject:** RE: Fire Pump & Diesel Engine Information

Unit	Engine Model	Year	Engine Manufacturer	Engine Size (HP)
Diesel Generator	10637305	1994	Detroit Diesel	330
Fire Pump No. 1	DDFPL6VT7362F	1993	Detroit Diesel	305
Fire Pump No. 2	6081HF001	2006	John Deere	300
Fire Pump No. 3	JU4HUF30	2004	John Deere	64

Kyle Perrin  
Mechanical Designer

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**From:** Dunbar, Kirk  
**Sent:** Thursday, March 03, 2011 1:16 PM  
**To:** Perrin, Kyle; Altman, Bryan  
**Cc:** Castro, Don  
**Subject:** RE: Fire Pump & Diesel Engine Information

Kyle – I just realized that in addition to the model year, we also need to know when construction of each unit commenced. I think that the best way to determine the date construction commenced would be to find the contract or invoice used to purchase the engine and use the date of that document.

Thanks in advance - Kirk

**M. Kirk Dunbar**  
Air Quality Engineer

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**From:** Perrin, Kyle  
**Sent:** Wednesday, March 02, 2011 12:49 PM  
**To:** Altman, Bryan  
**Cc:** Castro, Don; Dunbar, Kirk  
**Subject:** RE: Fire Pump & Diesel Engine Information

So there is no confusion, the Fire Pump for the WTE Transfer station (Fire Pump No. 3) is 64 HP not 79 HP according to Mikes email that is attached. The table that follows is correct:

Unit	Engine Model	Year	Engine Manufacturer	Engine Size (HP)
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Diesel Generator	10637305		Detroit Diesel	330
Fire Pump No. 1		1993	Detroit Diesel	305
Fire Pump No. 2		2006	John Deere	300
Fire Pump No. 3	JU4HUF30	2004	John Deere	64

Thanks,

**Kyle Perrin**  
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**From:** Perrin, Kyle  
**Sent:** Wednesday, March 02, 2011 12:51 PM  
**To:** 'Altman, Bryan'  
**Cc:** Castro, Don; Dunbar, Kirk  
**Subject:** Fire Pump & Diesel Engine Information

Bryan,

The following is the table that is needed for the environmental permit. While I was onsite yesterday, I was able to collect the majority of the information, but there are still some gaps. Can you help fill in the information to the following:

Unit	Engine Model	Year	Engine Manufacturer	Engine Size (HP)
Diesel Generator	10637305		Detroit Diesel	330
Fire Pump No. 1		1993	Detroit Diesel	305
Fire Pump No. 2		2006	John Deere	300
Fire Pump No. 3	JU4HUF30	2004	John Deere	79

As we spoke yesterday, I suspect the date on the Diesel Backup Generator is 1993 because there were other components with face plates indicating that, but I need verification.

Thanks,

**Kyle Perrin**  
Mechanical Designer

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