

**CITY OF BLAINE**  
**REQUEST FOR COUNCIL ACTION**  
**MEETING DATE:** September 11, 2006

**SUBJECT:** **Water Pressure Booster Pump Stations for Residences with Substandard Service Pressure**

**SUBMITTING DEPT:**Public Works

**PREPARED BY:**

\_\_\_\_\_  
(Digital Signature)

**AGENDA LOCATION:** Comments / Communications ☐, Consent ☐,  
Public Meeting/Hearing ☐, Unfinished Business ☐, Council Action Item ☒, Committee  
Reports ☐

---

**ATTACHMENTS:** None

---

**ANALYSIS / SUMMARY:** Washington Administrative Code (WAC) 246-290-230(5) requires that public water purveyors provide a minimum pressure of 30 psig at the customer's meter location. In those situations where the customer suffers substandard pressure, WAC 246-290-230(8) allows the purveyor to use individual water pressure booster pump stations as an interim solution until the purveyor effects improvements to the public system to permanently resolve the pressure deficiency. If a purveyor does employ individual water pressure booster pump stations in this manner, the WAC provision cited above also requires the purveyor to manage and control the individual water pressure booster pump stations.

About a dozen City water customers that lie immediately south of the City's well field experience less than the standard minimum pressure. City staff are investigating options to rectify this substandard condition, but all identified thus far are very expensive and will necessarily take a long time to implement.

---

**RECOMMENDATION:** Waive 2<sup>nd</sup> Reading: ☒ Move to approve in concept the City's interim use of individual water pressure booster pump stations for any City water customers that suffer substandard water pressure until the City permanently resolves the pressure deficiency as allowed by, and in accordance with, WAC 246-290-230.

---

**FISCAL ANALYSIS:** If Council approves this concept, the City will expend funds to procure, install, and manage the equipment. We estimate that there are about a dozen customers that would qualify, and we estimate the cost is \$2,000-\$5,000 per customer, depending on circumstances. The Water Reserves Fund is adequate to cover this expenditure.

---

**REVIEWED BY:**

City Manager \_\_\_\_\_ Finance Director \_\_\_\_\_ City Clerk \_\_\_\_\_  
(Digital Signature) (Digital Signature) (Digital Signature)

---

**COUNCIL ACTION:** Approved ☐, Denied ☐, Tabled / Deferred ☐,

Assigned to: \_\_\_\_\_

**COUNCIL ACTION:** \_\_\_\_\_

