



Job Demands Analysis: Paint-curbs, pump station floors and kiosks (Light Duty)

Company Name: City of Richmond – Sewer and Drainage (Pump Stations) Department

Job Title: Paint – curbs, pump station floors, kiosks and weed eat around outside areas (Light Duty)

General Work Environment:

- Outdoor (temperature is dependent on weather)
- Driving a city vehicle
- Required to wear steel toed boots, safety vest/overalls

Work Hours/Breaks: 7:30am-4:00pm, (2) X 10 minute rest breaks, (1) X 30 minute lunch break

Tools used may include: 1 gallon paint can, painting tools (brush, roller, pan), weed eater



1. Paint can/brush



2. Kiosk



3. Curb

Job Task Categories:

- 1) Driving a city vehicle – through out the City of Richmond to appropriate destination.
- 2) Paint sidewalk curbs, pain the floors and walls of pump stations, paint outside kiosks.
- 3) Operate weed eater to trim grass around pump stations and kiosks.

Functional Requirements:

GENERAL FUNCTIONS:	AMOUNT:	% OF WORKDAY	DESCRIPTION/COMMENTS
Walking	Variable distances	33-66%	<ul style="list-style-type: none"> ▪ To/from van to worksite ▪ Walking over various surfaces outside: including grass/mud hills, uneven terrain, roads, sidewalks
Standing	Sustained	1-33%	<ul style="list-style-type: none"> ▪ Static standing when valve has been located and recording occurs
Climbing		1-33%	<ul style="list-style-type: none"> ▪ Climbing in/out of the vehicle ▪ Climbing stairs is pump stations and curbs
Sitting/Driving	Variable, Up to 10 minutes continuously	1-33%	<ul style="list-style-type: none"> ▪ Operation of vehicle (typically automatic) – within the City of Richmond
Kneeling / Crouching / Stooping	Variable	1-66%	<ul style="list-style-type: none"> ▪ When accessing curbs and floors to paint
Neck positioning	Flexion, rotation	33-66%	<ul style="list-style-type: none"> ▪ When viewing work spaces on the ground (flexion) ▪ When driving (rotation) – i.e. shoulder checking
Reaching	In front, to the side	33-66%	<ul style="list-style-type: none"> ▪ May vary depending on work style and may be repetitive or sustained when painting, operating weed eater and operation of steering wheel ▪ Overhead reaching is not required (able to use a paint roller to decrease overhead reaching)
MATERIALS HANDLING:	AMOUNT:	% OF WORKDAY	DESCRIPTION/COMMENTS
Handling / Grasping	Power Grasp	33-66%	<ul style="list-style-type: none"> ▪ 1-2 handed grasp of steering wheel, up to 10 minutes continuously ▪ 1-2 handed grasp of tools/equipment: paint brush, roller, weed eater
Lifting/Carrying	Light	1-66%	<ul style="list-style-type: none"> ▪ Items handled may include: 1 gallon paint can (up to 10 lbs), supplies, weed eater
Pushing / pulling	Light resistance	1-66%	<ul style="list-style-type: none"> ▪ When handling paint brush and roller

**Consider for upper and lower extremity injuries, back injuries. With the opportunity to self-pace, and take rest breaks when needed.*