

CITY OF GRAND JUNCTION JOB ANALYSIS QUESTIONNAIRE

I. EMPLOYEE BACKGROUND: In this section you will provide information regarding your name, current job title, your immediate supervisor, etc. This will help us make sure we refer to the correct job throughout the study.

Is this a group questionnaire? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please list all employee names.
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Division: Utility and Street Systems

Department: Persigo WasteWater Plant

For Individual Questionnaires Only:

Employee Name:	Etcheverry <small>(Last)</small>	William <small>(First)</small>	J <small>(Middle Initial)</small>
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Current Classification Title: Assistant Plant Mechanic

Division	Utility and Street Systems	Department	Persigo WasteWater Plan
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Total Length of Time with organization 3 Years 7 months

Total Length of Time in Current Position 2 Years 2 months

Assigned Hours/Week;; from 7:00am **t o** 3:330pm **Assigned Days/Week** Mon-Fri

Email: bille@ci.grandjct.co.us **Work Phone:** 970-256-4180

Immediate Supervisor:

Immediate supervisor reports to:

Name: Larry Brown	Name: Dan Tonello
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Title: Maintenance Supervisor	Title: Plant Superintendent
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Work Phone: 970-256-4168	Work Phone: 970-256-4164
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E-mail: larryb@ci.grandjct.co.us	E-mail: dant@ci.grandjct.co.us
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II. POSITION INFORMATION

1. POSITION SUMMARY: This section asks for a short paragraph, one to three sentences, regarding the purpose of your position and/or your primary responsibilities. This summary helps us to quickly understand the essence of your job. Usually it is better to write this after you have completed the remainder of the questionnaire. Briefly describe what you consider to be the major purpose or objective of the job. Simply stated, what are you attempting to accomplish in your position?

Example: Computer Support Technician

Summary: To operate, maintain and repair computer equipment and to provide technical assistance to users.

To perform Preventative maintenance, maintenance, service and repair of all parts and equipment associated with the wastewater plant. Able to operate hand and power tools, measuring and testing tools. Perform a variety of duties to assigned areas of responsibility.

2. SUPERVISION & ORGANIZATIONAL RELATIONSHIPS.

a. The chart below asks for your specific supervisory responsibilities. If a duty statement applies to you, please check the box under the "Yes" column and then indicate the number of employees for which you are responsible to the right of the statement.

Yes	Duty	Number of Employees
<input checked="" type="checkbox"/>	I do not officially supervise other employees (sign performance reviews).	
<input type="checkbox"/>	I evaluate and sign performance reviews of other full-time employees.	
<input type="checkbox"/>	I evaluate and sign performance reviews of part-time, temporary or contract employees.	
<input type="checkbox"/>	I instruct other employees in methods or procedures needed to carry out their job (how to carry-out their assigned duties).	
<input type="checkbox"/>	I make work assignments for others.	
<input type="checkbox"/>	I make hiring and hiring pay recommendations.	
<input type="checkbox"/>	I make hiring and hiring pay decisions.	
<input type="checkbox"/>	I recommend termination for poor performance.	
<input checked="" type="checkbox"/>	I provide advice to peers that they must consider carefully before making a decision.	
<input checked="" type="checkbox"/>	I provide information to supervisors/management that they use in making a decision.	

b. Complete the organization chart below. This chart will help us to understand your job in relation to others in your department. Please use titles and not names. Fill in the applicable position titles: (1) your coworkers, employees you work with and who also report directly to your supervisor; and, (2) your subordinates, any employees you supervise directly. List only those jobs over which you have full managerial/supervisory authority (i.e. complete and sign performance evaluation.) Do not list employees supervised by your subordinate supervisors.

YOUR COWORKERS' JOB TITLES

2 Lead Mechanics
2 Plant Mechanics
1 Plant Electrician
3 Speciality Equipment Operators
5 Equipment Operators
1 Plant Safety Coordinator

YOUR DIRECT REPORTS' JOB TITLES

Please indicate the nature of the group supervised and the number supervised

- Full Time
 Part-Time
 Seasonal/Temp
 Volunteer
 Contract

c. Describe with whom, or with what departments/organizations, you have regular contact.

1. Inside your organization (other City Departments):

Title of Person or Department	How Often	For What Purpose
Ex: Peers, Subordinates		
Streets Department	Monthly	Emergency irrigation and storm calls
Water Department	Monthly	Emergency sewer and water calls
City Engineers	Ocassionally	Emergency sewer and water calls
911 Dispatch Center	Monthly	Emergency sewer and water calls

2. Outside your organization:

Title of Person or Organization	How Often	For What Purpose
Ex: Vendors, Gen. Public		
Grainger	weekly	Plant parts, supplies, and tools
Mesa Bearings	weekly	belts, bearings, drive chains
Siegel Oil	monthly	lubricants- oils, grease,
Westech Engineering	every 3 to 6 months	wastewater equipment and supplies
Airgas	monthly	welding supplies and shielding gases
Grand Junction Pipe	monthly	pipe, pipe fittings

3. ESSENTIAL DUTIES.

The list of essential duties helps us to understand those duties which are the primary reasons why your position exists. For clarification, please refer to the examples provided below.

Essential Duties: Those duties that make up at least 5% of your time. Please provide enough detail so that someone who may not be familiar with your job will have a clear understanding of what it is that you do. For example, do not simply state "prepares reports", but state "prepares reports such as status reports, staff reports", or other type of report(s) you may prepare. Also, please use action verbs such as prepares, calculates, operates, etc., to start off each statement. Do not use acronyms in your description. Examples are shown below. Use additional sheets if needed.

Decisions Required: List the decisions you make to carry out the essential duties.

Frequency: Indicate how often you perform each duty - D = daily, W = weekly, M = monthly, Q = quarterly, A = annually, or O = occasionally.

Percent of Time: Indicate how much of your time you spend on each task. The total of these percentages **should not be more than 100%**. Example: Sally conducts property value estimates 20% of the time, it may mean she spends one day out of five on that task, or that she spends around two hours each day. These need only be estimates so do not spend a great deal of time trying to come up with an exact percentage. The percentages of **all** duties should equal 100% over a one year period of time.

Attach additional sheets if necessary.

E X A M P L E (LIST ACTUAL ESSENTIAL DUTIES BELOW EXAMPLE)

Essential Duties	Decisions Required	Frequency	% of Time
EXAMPLES:			
<i>Prepares monthly newsletters by gathering information, writing copy, editing, preparing for publication and overseeing distribution.</i>	<i>Articles to include, editorial changes, graphics, layouts</i>	<i>M</i>	<i>25%</i>
<i>Performs inventory spot checks and monthly counts of supplies in warehouse.</i>	<i>When to check supplies</i>	<i>M</i>	<i>10%</i>

	List of Essential Duties	Decisions Required	Frequency: D = Daily W = Weekly M = Monthly Q = Quarterly A = Annually O = Occasionally	% of Time Spent (Not to exceed 100%)
1	Change oils, filters, grease, and change belts	use correct oils and grease per application, use correct belts per equipment	Daily	16%
2	Regular inspections of plant equipment and machinery	to ensure each piece of equipment is in safe and proper working order	Daily	16%
3	Troubleshoot, diagnose and repair plant equipment with new equipment and parts	use of proper parts, correct shut down procedures	Daily	16%
4	Welding- design, layout, and fabricate custom parts and equipment out of Steel, Stainless Steel and Aluminum. Also make repairs on broken and cracked parts and equipment	choosing appropriate materials for structural integrity and longevity, making sure projects properly align and work with existing equipment	Weekly	16%
5	Programming and installing Programmable Logic Controllers (PLCs)	programming computers so each piece of equipment runs properly and efficiently	Weekly	7%
6	Computer work	record hour readings, temperatures, and keep inventories of parts and supplies, running GIS sewer line mapping, work orders	Daily	7%
7	Organizing and implementing work crews for special projects	deciding dates, times, size of work crews, and responsibilities of crew members	Occasionally	5%
8	Running tractors, loaders, dump trucks, forklifts	when, where, how to dig, and move equipment and materials	Daily	6%

9	On emergency call for collection systems	judge severity of backups, jet sewer lines, vector debris in lines, and repair lifts stations	Monthly	5%
10	Read blueprints, service and technical manuals	determining where pipes and valves are located, parts lists and numbers, proper assembly and disassembly procedures, wiring diagrams, and recommended lubricants	Daily	6%
11			Select	
12			Select	
13			Select	
14			Select	
15			Select	
16			Select	
17			Select	
18			Select	
19			Select	

4. REQUIRED KNOWLEDGE AND SKILLS.

This section helps us to understand the types of knowledge and skill you would need to perform your job at the entry level. Those items you list are those required and not what you might necessarily know or are able to do after being in the position for a number of years.

Knowledge: refers to the possession of concepts and information gained through experience, training and/or education and can be measured through testing.

Skills: refers to the proficiency which can be demonstrated and are typically manual in nature and/or can be measured through testing.

The knowledge and skills that you list in the following section must refer to the Essential Duties you listed in Section 3.

Duty #	Knowledge - Skills
1-10	operations of a wastewater plant
1-5,10	knowledge of tools, materials, and methods in the repair and maintenance of pumps, motor, valves and other plant equipment
1-4,10	theories of hydraulics and plumbing, and mechanical systems
1-4,10	basic electrical and electronic repairs
3,4	advanced welding and fabricating
1-10	computer skills
8,9	heavy equipment operation
1-10	knowing hazards and safe work practices

III. EDUCATION, EXPERIENCE, AND EQUIPMENT

1. EDUCATION: What level of education do you have and what minimum level of education do you believe is needed to satisfactorily perform your job at entry level? Check the level that applies to your job:

- | You Have | You Need | |
|-------------------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Less than High School Diploma or equivalent (G.E.D.) (ability to read, write, and follow directions) |
| <input type="checkbox"/> | <input type="checkbox"/> | High School Diploma or equivalent (G.E.D.) |
| <input type="checkbox"/> | <input type="checkbox"/> | Up to one year of specialized or technical training beyond high school |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Associate degree (A.S., A.A.) or two-year technical certificate |
| <input type="checkbox"/> | <input type="checkbox"/> | Bachelor's degree |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other (explain):
a degree or technical school, plus several years of on the job training knowing, motors, pumps, welding, and equipment operating |

2. EXPERIENCE: What kinds of experience do you have, and what minimum kinds of experience are needed to enter your job at entry level?

Type of Experience

<u>You Have</u>	<u>Your Time</u>	<u>You Need</u>	<u>Minimum Time Required</u>
Mechanic	18	years mechanic	2 years
Welder, Fabricator	10	years welder	2 years

a. What field (s) should training or degree be in?

Mechanical-gas and eletrical motors, hydraurlics and Welding and fabricating

3. SPECIAL REQUIREMENTS: List any registrations, certifications or licenses that are **required** for you to hold your position. Be specific and do not abbreviate words or use acronyms.

~~commercial drivers license, air brakes, and tanker endorsement~~

~~wastewater collections 1,2,3,4~~

~~wastewater operation A,B,C,D~~

~~CPR, First-Aid, AED~~

~~Forklift Operator~~

~~Flagger~~

B

4. MACHINES, TOOLS AND EQUIPMENT. List any machines, tools or equipment used in your work and indicate the frequency and time spent using each. The machines, tools and equipment must refer to the Essential Duties you listed in Section 3.

Duty #	Machines, Tools, Equipment	Frequency/Time
1-4,9	Hand tools i.e., hand drills, saws wrenches, hammers	daily
3,4	oxy-acetylene torches, plasma cutters, mig and tig welders	daily
8,9	forklifts,loaders,tractors,dump trucks, jetter trucks, vactor truck	weekly
1-3,5,9	Digital multimeters, continuity testers	daily
1-4,9	portable gas meters	daily
1-7,9,10	computers	weekly
3,4,8	alignment tools	weekly
2-4,9	measuring devices i.e., tape measure, micrometer, depth gauges	daily

5. DECISION-MAKING & JUDGMENTS.

a. Describe three types of important decisions and judgments you make regularly and independently in the performance of your duties.

1. When welding and fabricating I need to know the proper sizes and dimensions for each application, how much weight it needs to support and what materials will hold up to the elements the best

2. Prioritizing my maintenance schedule to ensure that repairs, preventative maintenance, and regular inspections are done from most needed to least needed priority

3. When doing regular inspections of equipment, finding problems (visually or hearing), trouble shooting the problem, taking it out of service in accordance to proper procedures, repairing problem, test equipment and reinstall

IV: AMERICANS WITH DISABILITIES ACT REQUIREMENTS

1. PHYSICAL ACTIVITIES/REQUIREMENTS.

This section helps us understand the physical activities and requirements that are absolutely necessary for you to be able to do in order to perform your job. Please list the frequency and the importance of each of the physical requirements listed in this section. These physical activities/requirements will help in ensuring the City of Grand Junction remains in compliance with the Americans with Disabilities Act.

The City of Grand Junction is required to document any physical requirements in order to legally defend restrictions that are imposed. The definitions for the physical activities/requirements are taken directly from the guidelines established by the federal government. Your answers in this section will not affect how your job is classified.

Frequency

Importance

How frequently is the activity performed?

How important is the activity in accomplishing the job's purpose?

- 0 – Never
- 1 – Annually
- 2 – Quarterly (at least 3 per year)
- 3 – Monthly (at least 8 per year)
- 4 – Weekly (at least 3 per month)
- 5 – Daily (at least 3 per week)

- 0 – Not Important
- 1 – Somewhat Important
- 2 – Very Important
- 3 – Extremely Important

Physical Activity	Frequency	Importance	Duties
Climbing: Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.	5--Daily	2--Very Important	1-4,8,9
Balancing: Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.	5--Daily	3--Extremely Important	1-4,8,9
Stooping: Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.	5--Daily	2--Very Important	1-4,8,9
Kneeling: Bending legs at knee to come to a rest on knee or knees.	5--Daily	2--Very Important	1-4,8,9
Crouching: Bending the body downward and forward by bending leg and spine.	5--Daily	2--Very Important	1-4,8,9
Crawling: Moving about on hands and knees or hands and feet.	5--Daily	2--Very Important	1-4,8,9
Reaching: Extending hand(s) and arm(s) in any direction.	5--Daily	2--Very Important	1-4,8,9
Standing: Particularly for sustained periods of time.	4--Weekly	2--Very Important	1-4,8,9
Walking: Moving about on foot to accomplish tasks, particularly for long distances.	4--Weekly	2--Very Important	1-4,8,9
Pushing: Using upper extremities to press against something with steady force in order to thrust forward, downward or outward.	5--Daily	2--Very Important	1-4,8,9
Pulling: Using upper extremities to exert force in	5--Daily	2--Very Important	1-4,8,9

order to draw, drag, haul or tug objects in a sustained motion.			
Fingering: Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand or arm as in handling.	5--Daily	2--Very Important	1,2,3
Grasping: Applying pressure to an object with the fingers or palm.	5--Daily	2--Very Important	1-4,8,9
Lifting: Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to be a considerable degree and requires the substantial use of the upper extremities and back muscles.	5--Daily	2--Very Important	1-4,8,9
Feeling: Perceiving attributes of objects, such as size, shape, temperature or texture by touching the skin, particularly that of fingertips.	5--Daily	3--Extremely Important	1-4
Talking: Expressing or exchanging ideas by means of the spoken work. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.	5--Daily	3--Extremely Important	1-10
Hearing: Perceiving the nature of sounds with no less than a 4db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making fine adjustments on machined parts.	5--Daily	3--Extremely Important	1-10
Seeing: The ability to perceive the nature of objects by the eye. Seeing is important for hazardous jobs where defective seeing would result in injury and also jobs where special and minute accuracy, inspecting and sorting exist. A high degree of visual efficiency, placing intense and continuous demands on the eyes by moving machinery and other objects are also considered important. Other important factors of seeing are acuity (near and far), depth perception (three dimensional vision), accommodation (adjustment of lens of eye to bring an object into sharp focus), field of vision (area that can be seen up and down or to the right or left while eyes are fixed on a given point) and color vision (ability to identify and distinguish colors).	LB, NE 5--Daily 4--Weekly	3--Extremely Important	1-10
Repetitive Motions: Substantial repetitive movements (motions) of the wrists, hands, and/or fingers.	5--Daily	2--Very Important	1,3-8,10
Sedentary Work: Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.	5--Daily	2--Very Important	1-10
Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. If the use of arm and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.	5--Daily	2--Very Important	1-10

Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.	5--Daily	2--Very Important	1-10
Heavy Work: Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.	4--Weekly	2--Very Important	1-10
Very Heavy Work: Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.	4--Weekly	2--Very Important	1-10

2. WORKING CONDITIONS.

The working conditions section helps us to understand the physical environment you are subjected to while performing your job duties. This section does not apply to conditions like an old office building but only those factors that have to do with the job itself. In this section, please place an X by the condition that applies and one under the frequency that is most appropriate. The condition should be unique to your job and not generally applicable to all employees with the organization. **Please note, there is a choice for "Does Not Apply," if most of your work is in an office setting.**

Does Not Apply

Condition	Less than 25% of the time	25-50% of the time	More than 50% of the time
Hazardous physical conditions (mechanical parts, electrical currents, vibration, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Atmospheric Conditions (fumes, odors, dusts, gases, poor ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hazardous materials (chemicals, blood and other body fluids, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Extreme temperatures	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Inadequate lighting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Work space restricts movement	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Intense noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Travel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental (disruptive people, imminent danger, threatening environment)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

V: EMPLOYEE, SUPERVISOR, AND DEPARTMENT HEAD SIGNATURES

ADDITIONAL COMMENTS

Are there any additional comments you would like to make to be sure you have described your job adequately? (Use additional sheets if necessary).

While my official job title is Assistant Plant Mechanic. I perform full Plant Mechanic duties with no assistance or supervision on a daily basis.

EMPLOYEE CERTIFICATION

I certify that the above statements and responses are accurate and complete to the best of my knowledge.

Signed: William Altobroni

Date: 12-19-08

TO BE COMPLETED BY THE IMMEDIATE SUPERVISOR AND DEPT. HEAD

This section is to be used by the Supervisor to note any additional comments, additional duties or disagreements with any section of the questionnaire. The Supervisor should not change anything written by the individual filling out the questionnaire nor should they address any performance issues. Please remember that this questionnaire is intended solely for the purpose of accurately describing the job in question. Supervisors, please review the entire JAQ for completeness and accuracy. If there are sections that are not complete or are incorrect, please fill in the blanks when you review the questionnaire with the incumbent. If you disagree with any information provided or believe some information is missing, indicate below the question number and your comments. **Please note the form should have all three signatures to ensure all have read the questionnaire.**

Question No.	Comments
Title "Assistant Plant Mechanic"	The Assistant Plant Mechanic Performs All of the same duties AS "Plant Mechanic". A Position Should be Plant Mechanic <u>Dan Tonello</u> and <u>Harry Brown</u>
#3 special Requirements	colorado Drivers license only

Please check the appropriate statement:

- I agree with the incumbents' position questionnaire as written.
- The above modifications have been discussed with the incumbent, and the incumbent agrees with these modifications.
- The above modifications have been discussed with the incumbent, and the incumbent disagrees with these modifications.

I have noted the modifications made by my supervisor in the Comments Section above.

Employee Signature:	<u>William A. Healey</u>	Date:	<u>12/29/08</u>
Supervisor Signature:	<u>Larry Brown</u>	Date:	<u>12/29/08</u>
Department Head Signature:	<u>[Signature]</u>	Date:	<u>1/8/09</u>

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. AFTER YOU OR YOUR GROUP HAS COMPLETED YOUR PORTION OF THE QUESTIONNAIRE, PLEASE SUBMIT THE QUESTIONNAIRE TO YOUR SUPERVISOR FOR REVIEW, SIGNATURE, AND COMMENT. YOUR SUPERVISOR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO YOUR DEPARTMENT HEAD.

