

From: [Michael Bascom](#)
To: [Elizabeth Rorie](#)
Subject: Bells Mobile Detail application for SOP
Date: Tuesday, May 16, 2017 10:36:56 AM
Attachments: [image001.png](#)

Beth,

This looks complete. Please formally receive this and assign to a permit writer. The applicant wishes to open a car detailing business and needs an SOP.

Thanks.



Michael Bascom | Environmental Protection Specialist
Division of Water Resources/Chattanooga Field Office
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Chattanooga, TN 37402
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tn.gov/environment

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Tennessee Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass - Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102
(615) 532-0625



APPLICATION FOR A STATE OPERATION PERMIT (SOP)

Type of application: ☒ New Permit ☐ Permit Reissuance ☐ Permit Modification

Permittee Identification: (Name of city, town, industry, corporation, individual, etc., applying, according to the provisions of Tennessee Code Annotated Section 69-3-108 and Regulations of the Tennessee Water Quality Control Board.)

Permittee

Name

(applicant): Gary Wayne Bell III

Permittee

Address: 435 Stoneridge dr. Hixson, TN, 37343

Official Contact:

Bell's Mobile Detail

Title or Position:

Owner Operator

Mailing Address:

435 Stoneridge dr

City:

Hixson

State:

TN

Zip:

37343

Phone number(s):

(423) 509-1478

E-mail:

gwb3383@gmail.com

Optional Contact:

Karen Vander Molen

Title or Position:

Advisor, Investor

Address:

41 Peabody st

City:

Nashville

State:

TN

Zip:

37210

Phone number(s):

(615) 873 1257, (615) 969-0130

E-mail:

karen.vander.molen@ec.com

Application Certification (must be signed in accordance with the requirements of Rule 0400-40-05-.05)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury

Name and title; print or type

Gary W. Bell III, Owner/Operator

Signature

Gary W. Bell III

Date

5-11-17



Permit Number: SOP-_____

Facility Identification:		Existing Permit No.	
Facility Name: <i>Bell's Mobile Detail</i>		County: <i>Hamilton</i>	
Facility Address or Location: <i>435 Stoneridge dr, Hixson TN 37343</i>		Latitude:	
		Longitude:	
Name and distance to nearest receiving waters: <i>Hamilton Co Utilities (water division)</i>			
If any other State or Federal Water/Wastewater Permits have been obtained for this site, list their permit numbers:			
Name of company or governmental entity that will operate the permitted system: <i>Bell's Mobile Detail</i>			
Operator address: <i>435 Stone ridge dr Hixson TN 37343</i>			
Has the owner/operator filed for a Certificate of Convenience & Necessity (CCN), or an amended CCN, with the Tennessee Regulatory Authority (TRA) (may be required for collection systems and land application treatment systems)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
If the applicant listed above does not yet own the facility/site or if the applicant will not be the operator, explain how and when the ownership will be transferred or describe the contractual arrangement and renewal terms of the contract for operations.			
Complete the following information explaining the entity type, number of design units, and daily design wastewater flow:			
<u>Entity Type</u>	<u>Number of Design Units</u>		<u>Flow (gpd)</u>
<input checked="" type="checkbox"/> City, town or county	No. of connections: <i>N/A</i>	<i>Cars & buildings</i>	<i>250 gal</i>
<input checked="" type="checkbox"/> Subdivision	No. of homes: <i>N/A</i>	Avg. No. bedrooms per home: <i>N/A</i>	<i>N/A</i>
<input type="checkbox"/> School	No. of students:	Size of cafeteria(s): No. of showers:	
<input checked="" type="checkbox"/> Apartment	No. of units: <i>N/A</i>	No. units with Washer/Dryer hookups: No. units without W/D hookups:	<i>N/A</i>
<input checked="" type="checkbox"/> Commercial Business	No. of employees: <i>N/A</i>	Type of business: <i>Car lots/parking</i>	<i>N/A</i>
<input checked="" type="checkbox"/> Industry	No. of employees: <i>N/A</i>	Product(s) manufactured: <i>N/A</i>	<i>N/A</i>
<input checked="" type="checkbox"/> Resort	No. of units: <i>N/A</i>	<i>N/A</i>	<i>N/A</i>
<input checked="" type="checkbox"/> Camp	No. of hookups: <i>N/A</i>	<i>N/A</i>	<i>N/A</i>
<input checked="" type="checkbox"/> RV Park	No. of hookups: <i>N/A</i>	No. of dump stations: <i>N/A</i>	<i>N/A</i>
<input checked="" type="checkbox"/> Car Wash	No. of bays: <i>N/A</i>	<i>N/A</i>	<i>N/A</i>
<input checked="" type="checkbox"/> Other	<i>Washing anything by mobile</i> <i>N/A</i>		<i>N/A</i>
Describe the type and frequency of activities that result in wastewater generation. <i>My buissness will pressure wash cars, boats, RV's, Plan's, Houses, any thing that needs clean. I will be using 250-300 gal water container. I will trap my access water and haul it back to my residence @ Stoneridge dr</i>			

Permit Number: SOP-_____

Engineering Report (required for collection systems and/or land application treatment systems):		<input checked="" type="checkbox"/> N/A
<input type="checkbox"/> Prepared in accordance with Rule 0400-40-05-.03 and Section 1.2 of the State of Tennessee Design Criteria for Sewage Works (see website for more information)		
<input type="checkbox"/> Attached, or <input type="checkbox"/> Previously submitted and entitled:		
Operation and Maintenance Inspection Schedule Submitted:		Approved? <input type="checkbox"/> Yes. Date: <input type="checkbox"/> No Approved? <input type="checkbox"/> Yes. Date: <input type="checkbox"/> No
Wastewater Collection System:		<input type="checkbox"/> N/A
System type (i.e., gravity, low pressure, vacuum, combination, etc.):		
Car Wash Mat, Water Containment Mat and Water reclamation System		
System Description:		
It's a mat that Inflates on all sides (like a kiddie pool) when finished a pump sucks all water to a tank		
Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.):		
I will also have whats called a snake. It's a long sand bag type detiorrent that will trap all access water. Then I take a pump to contain it		
In the event of a system failure describe means of operator notification:		
We will switch to the snake line or buy what ever needed to fix problem		
List the emergency contact(s) (name/phone):		
Misty Bell 248 505 8359		
For low-pressure systems, who is responsible for maintenance of STEP/STEG tanks and pumps or grinder pumps (list all contact information)?		
The Chemical guys 1866 822.3670		
Detail King 1888. 314. 0847 Tractor Supply		
Approximate length of sewer (excluding private service lateral):		
NA		
Number/hp of lift stations:		/ NA
Number/hp of lift pumps:		NA /
Number/volume of low pressure and or grinder pump tanks		/
Number/volume septic tanks		NA /
Attach a schematic of the collection system. <input checked="" type="checkbox"/> Attached		
If this is a satellite sewer and you are tying in to another sewer system complete the following section, listing tie-in points to the sewer system and their location (attach additional sheets as necessary):		
Tie-in Point	Latitude (xx.xxxx°)	Longitude (xx.xxxx°)
NA	NA	NA

Permit Number: SOP-_____

Land Application Treatment System:	<input checked="" type="checkbox"/> N/A
Type of Land Application Treatment System: <input checked="" type="checkbox"/> Drip <input checked="" type="checkbox"/> Spray <input type="checkbox"/> Other, explain:	
Type of treatment facility preceding land application (recirculating media filters, lagoons, other, etc.):	
Attach a treatment schematic. <input type="checkbox"/> Attached	
Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.):	
For New or Modified Projects:	
Name of Developer for the project:	
Developer address and phone number:	
For land application, list:	Proposed acreage involved:
	Inches/week gpd/sq.ft loading rate to be applied:
Is wastewater disinfection proposed?	
<input type="checkbox"/> Yes	Describe land application area access:
<input type="checkbox"/> No	Describe how access to the land application area will be restricted:
Attach required additional Engineering Report Information (see website for more information)	
<input type="checkbox"/> Topographic map (1:24,000 scale presented at a six inch by six inch minimum size) showing the location of the project including quadrangle(s) name(s) GPS coordinates, and latitude and longitude in decimal degrees should also be included.	
<input type="checkbox"/> Scaled layout of facility showing the following: lots, buildings, etc. being served, the wastewater collection system routes, the pretreatment system location, the proposed land application area(s), roads, property boundaries, and sensitive areas such as streams, lakes, springs, wells, wellhead protection areas, sinkholes and wetlands.	
<input type="checkbox"/> Soils information for the proposed land disposal area in the form of a Water Resources Soils Map per Chapter 16 and 17 State of Tennessee Design Criteria for Sewage Works. The soils information should include soil depth (borings to a minimum of 4 feet or refusal) and soil profile description for each soil mapped.	
<input type="checkbox"/> Topographic map of the area where the wastewater is to be land applied with no greater than ten foot contours presented at a minimum size of 24 inches by 24 inches.	
<input type="checkbox"/> Describe alternative application methods based on the following priority rating: (1) connection to a municipal/public sewer system, (2) connection to a conventional subsurface disposal system as regulated by the Division of Water Resources, and/or (3) land application.	

Permit Number: SOP-_____

For Drip Dispersal Systems Only: Unless otherwise determined by the Department, sewage treatment effluent wells, i.e, large capacity treatment/drip dispersal systems after approval of the SOP Application, will be issued an UIC tracking number and will be authorized as Permit by Rule per UIC Rule 0400-45-06-.14(2) and upon issue of a State Operating Permit and Sewage System Construction Approval by the Department. Describe the following:	<input checked="" type="checkbox"/> N/A
The area of review (AOR) for each Drip Dispersal System shall, unless otherwise specified by the Department, consist of the area lying within a one mile radius or an area defined by using calculations under 0400-45-06-.09 of the Drip Dispersal System site or facility, and shall include, but not be limited to general surface geographic features, general subsurface geology, and general demographic and cultural features within the area. Attach to this part of the application a general characterization of the AOR, including the following: (This can be in narrative form)	
<input type="checkbox"/> A general description of all past and present groundwater uses as well as the general groundwater flow direction and general water quality.	
<input type="checkbox"/> A general description of the population and cultural development within the AOR (i.e. agricultural, commercial, residential or mixed)	
<input type="checkbox"/> Nature of injected fluid to include physical, chemical, biological or radiological characteristics.	
<input type="checkbox"/> If groundwater is used for drinking water within the area of review, then identify and locate on a topographic map all groundwater withdrawal points within the AOR, which supply public or private drinking water systems. Or supply map showing general location of publicly supplied water for the area (this can be obtained from the water provider)	
<input type="checkbox"/> If the proposed system is located within a wellhead protection area or source water protection area designated by Rule 0400-45-01-.34, show the boundary of the protection area on the facility site plan.	
<input type="checkbox"/> Description of system, Volume of injected fluid in gallons per day based upon design flow, including any monitoring wells	
<input type="checkbox"/> Nature and type of system, including installed dimensions of wells and construction materials	

Pump and Haul:	<input type="checkbox"/> N/A
Reason system cannot be served by public sewer: <i>Access Water May Contain Toxic material</i>	
Distance to the nearest manhole where public sewer service is available: <i>Will change with each job (mobile)</i>	
When sewer service will be available: <i>Every day</i>	
Volume of holding tank: <i>2</i> gal. <i>300 gal</i>	
Tennessee licensed septage hauler (attach copy of agreement): <i>N/A</i>	
Facility accepting the septage (attach copy of acceptance letter): <i>N/A</i>	
Latitude and Longitude (in decimal degrees) of approved manhole for discharge of septage: <i>N/A</i>	
Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.): <i>Water mat, Snake deterrent, contain in holding tank</i>	

Permit Number: SOP-_____

Holding Ponds (for non-domestic wastewater only):	<input checked="" type="checkbox"/> N/A
Pond use: <input type="checkbox"/> Recirculation <input type="checkbox"/> Sedimentation <input type="checkbox"/> Cooling <input type="checkbox"/> Other (describe):	
Describe pond use and operation:	
If the pond(s) are existing pond(s), what was the previous use?	
Have you prepared a plan to dispose of rainfall in excess of evaporation? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If so, describe disposal plan:	
Is the pond ever dewatered? <input type="checkbox"/> Yes <input type="checkbox"/> No	
If so, describe the purpose for dewatering and procedures for disposal of wastewater and/or sludge:	
Is(are) the pond(s) aerated? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Volume of pond(s):	gal. Dimensions:
Is the pond lined (Note if this is a new pond system it must be lined for SOP coverage. Otherwise, you must apply for an Underground Injection Control permit.)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Describe the liner material (if soil liner is used give the compaction specifications):	
Is there an emergency overflow structure? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If so, provide a design drawing of structure.</i>	
Are monitoring wells or lysimeters installed near or around the pond(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>If so, provide location information and describe monitoring protocols (attach additional sheets as necessary):</i>	

RDA 2366



White Glove Inspection Service

Every Professional Water Containment Mat is fully tested and inspected over three months before leaving the Chemical Guys facility. Tests include full inflation with standardized exams to ensure the mat holds air without any leaks; checks for rips or tears in the floor pan; and quality control checks of the AC pump. The inspection services ensure that every containment mat leaves the facility 100% defect-free and ready for use.

Due to this inspection, there are no returns on this product unless it has not been opened. An unopened return would be at the expense of the customer and would also require a restock fee.

Specifications	
Part Number	ACC_M1
UPC	816276017792
Size	10 ft by 20 ft
Type of Pump	AC
Pump Included	Yes
Vacuum Included	No
Weight	30 lbs.
Material Type	PVC
Material Thickness	.48 mm



Reviews

[Write A Review](#)

Rating Snapshot

5 ★	4
4 ★	0
3 ★	0
2 ★	0
1 ★	0

Average Customer Ratings

Overall	5.0
Ease of Use	5.0
Product Usefulness	5.0

1-4 of 4 Reviews

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Famous Autosports

6 months ago

saved my business and a lot of water.

Woodland Hills, Los Angeles, CA, United States

Reviews 3

Votes 6

Age 35 to 44

Detailing Level Professional Detailer

I purchased this back in January of 2013 and have used it hundreds of times. It's easy to use and inflates in Seconds. He now have 4 units in total for our office and mobile crew. Very well built and durable.

☒ Yes, I recommend this product.

Helpful? Yes 1 No 0 Report

Ease of Use

Product Usefulness

Comment


Richard_Lin

3 years ago

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Random Orbital Polisher**
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WATER RECLAMATION SYSTEMS FOR MOBILE DETAILING



8.1 0 Like 2

If you currently are operating a mobile car wash business or eco friendly mobile detailing business you may already collecting your wash water. Detail King has been offering **water reclamation systems** for several years and have the expertise to assist you with choosing the right equipment that you need to be compliant with your cities ordinances regarding water run off. If you are aiming to procure accounts like office buildings, country clubs and shopping centers you may also need a full size **car wash mat** to collect your wash water.

Detail King also offers a **vacuum filtration system** that will allow you to collect, contain and reuse the filtered water making it extremely convenient to operate a high volume mobile car wash business. Don't get psyched out because of the additional equipment you may need to operate your detailing or car wash business with. **You will be able to obtain huge profitable accounts that require you to be compliant with your local environmental laws.** If you are, and your competition isn't – guess who gets the contract? **You Do!**

If you need to be WaterSmart in your area due to drought situations we offer a low pressure wash system with a **mini car wash mat** so you can wash most passenger vehicles using very little water. You will easily be able to contain any water dispensed from the low pressure washer used to scrub wheels, tires, grills and engine compartments. **You can simply vacuum up the small amount of wash water, contain it and properly dispose of the "gray water."** Detail King has the right solution to meet everyone's needs and budget!



Sand Snake - 48" Vinyl Berm

\$29.95 [VIEW DETAILS](#)

Fill the 48" Sand Snake Water Containment Berm with sand and use it to funnel water to the Vacu Berm (sand not included). Wire tie included to close up the one open end. You would use the Sand Snake if you wanted to increase the Vacu Berm coverage by butting the Sand Snake up to the Vacu Berm. You can also place the Sand Snake on the back side of the Vacu Berm to seal against rough surfaces. If using... [LEARN MORE](#)



Vacu Berm For Car Washing

\$279.95 [VIEW DETAILS](#)

Clean up your detailing act with the Vacu Berm! Stay in compliance with local laws by containing your wash water with the Vacu Berm. Vacu Berm For Mobile Car Washing will allow you to stay compliant with water runoff regulations! [LEARN MORE](#)



Mr Green's Wash Water Tank System

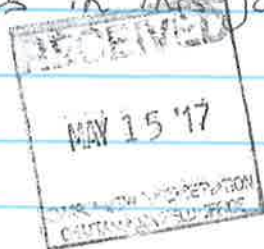
\$504.95 [VIEW DETAILS](#)

Now you can wash cars everywhere and be compliant with local EPA regulations. Easily reclaim your mobile car wash water and obtain profitable commercial accounts and gain access to neighborhoods where waste water run off is not allowed. Detail King's Mr. Green's Car Wash Water Reclaim System will enable you to economically reclaim your wash water right from your car wash mat. "Being Green Is In" and... [LEARN MORE](#)



To: Whom it may concern

My name is Gary Bell, I am currently in prison and will be released 7-31-17. I have graduated a buissness program, that is going to help me start my own buissness. I plan on starting Bell's Mobile Detail. Thru my class I Learned that I need a EPA Permit to opertate a pressure washer. I am done breaking the Law, so I will do everything needed to Never come back to prison. I do understand it takes 5-9 mths to obtain certification. That is why I am getting a head start. Not everything is in order due to my incarceration. I humbly ask that you work with me and help gide me on this Journey. I will be using Chemicals, but will use enviromentle Friendly type, or trap and contain method. Thank you For your time you can write my Stone Ridge dr address or send it here. If you send mail here I will need my ID number next to my Name. 358478. Thank you For your time, and I Look Forward in working with your department, to ensure I make no mistakes in this journey.



Sincerely

Gary Wayne Bell III

Gary Bell #358478
RMSI
7475 Cockrill bend blvd
Nashville, TN
37243



EPA
ATTN: DWR, Permit Section
1301 RiverFront Parkway ^{ste} 206
Chattanooga ^{TN}, 37402

374023512 C001

