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E & S #: _____

Plan File Name: _____ HTE #: _____

HANOVER COUNTY, VIRGINIA
PUBLIC WORKS DEPARTMENT
CHESAPEAKE BAY PRESERVATION PROGRAM

Water Quality Impact Assessment (WQIA)
(Pursuant to Hanover County Code Section 10-43)

General Project Information:

Date: _____ Project Title: Tidal Wave Auto Spa - Bell Creek

GPIN: 8714-47-8443; 8714-47-8592; 8714-47-9589; 8714-47-1638; 8714-47-9308; 8714-47-9457; 8714-57-0448; 8714-57-0592 Magisterial District: Mechanicsville

Subdivision: _____ Sec: _____ Blk: _____ Lot: _____

Owner's Name (s): TWAS Properties, LLC

Mailing Address: 115 East Main Street
Thomastown, Georgia 30286

Business Phone: 706-647-0414 Home Phone: _____

Mobile Phone: 706-975-6682 Email: martie@shjconstructiongroup.com

Resource Protection Area (RPA) Information:

Does the site contain any of the following (check all that apply)?

- ☐ Tidal Wetland
- ☐ Nontidal Wetland (connected by surface flow and contiguous to tidal wetlands or water bodies with perennial flow)
- ☐ Tidal Shores
- ☐ A vegetative buffer not less than 100 feet in width adjacent to and landward of the components listed above, and along both sides of any water body with perennial flow

Resource Management Area (RMA):

Does the site contain any of the following (check all that apply)?

- ☐ Floodplains
- ☐ Highly erodible soils (including steep slopes)
- ☐ Highly permeable soils
- ☐ Nontidal Wetlands (not included in RPA's)
- ☐ Within 150 feet of a RPA vegetative buffer

Required Attachments:

For individual residential lots:

- ☐ Submit a "to scale" plat depicting the location of all RPA features, 100-year flood plains, and wetland on the lot or parcel relative to all existing and proposed developments.
- ☐ Submit a signed copy, by a qualified professional, of a site-specific in-field evaluation and delineation for perennial flow based on the latest edition of guidance documents issued by the Chesapeake Bay Local Assistance Department (CBLAD).

For site plans and subdivision plans:

- ☐ Submit "to scale" field-surveyed locations of all RPA features, 100-year flood plains and wetlands on the site plan or subdivision plan.
- ☐ Submit a single copy, by a qualified professional of a site-specific in-field evaluation and delineation for perennial flow based on the latest edition of guidance documents issued by the Chesapeake Bay Local Assistance Department (CBLAD).

Plan of Development Information:

Describe the proposed use and development: Car wash with vacuums and associated site improvements.

Will there be land disturbance of any nature within a Chesapeake Bay Preservation Area? Yes
If yes, state the square footage and describe the location of disturbance:
2.19 acres (approximately 95,396.4 square feet of disturbance)

For any proposed development or redevelopment within a Chesapeake Bay Preservation Area (CPBA) exceeding fifty thousand (50,000) square feet of land disturbance or which disturbs any portion of the RPA, the elements of a Major Water Quality Impact Assessment (WQIA) shall be submitted along with this form in accordance with Hanover County Code Section 10-43(c)(2). Encroachment or modifications may require the submittal of a buffer mitigation plan in accordance with the latest edition of the Riparian Buffers Modification and Mitigation Guidance Manual from CBLAD.

Will the proposed development require an encroachment or modification to the RPA buffer? No
If yes, describe the encroachment or modification be requested:

Will the proposed development require an exception request to either the General Performance Criteria for CBPAs or Development Criteria for RPAs (County Code Sections 10-38 or 10-40)? No
If yes, state the specific Code subsection(s) from which the exception is requested and describe the nature of the request:

For all exception requests, an exception request application shall be submitted along with this form in accordance with Hanover County Code Section 10-46.

The applicable stormwater criteria for this project is either Section IIB (Runoff Reduction Method) or Section IIC (Chesapeake Bay Preservation Act requirements). Please check the appropriate Technical Criteria used for this project:

☐ Section IIB:
Is the project is in a CBPA and over 2500 square feet and less than 1 acre? Yes
Is the project greater than or equal to 1 acre? Yes
If YES to either of the conditions above, runoff reduction and channel protection computations must be submitted with plans.

☑ Section IIC:

Will the proposed development result in greater than 16% impervious cover? Yes

If yes, calculations and worksheets from the Virginia Stormwater Management Handbook for pollutant loading must be submitted with plans.

For all BMPs required, submit the required design drawings and calculations for the BMP, a plan sheet clearly showing the location of all BMPs and inspection and maintenance requirements for all BMPs. The property owner must complete, sign and have notarized a Hanover County BMP Maintenance Agreement and appropriate easements based on the specific BMPS required.

Please note that a construction record drawing, consistent with 9 VAC 25 870-55.D, will be required prior to release of project.

Applicant's Information:

Applicant's Name or Company: Mark Williams with Koontz Bryant Johnson Williams

Professional License Type: P.E. VA License Number: 037534

Mailing Address: 1703 N. Parham Road, Suite 202

Henrico, VA 23229

Business Phone: (804)740-9200 Home Phone: _____

Mobile Phone: _____ Email: mwilliams@kbjwgroup.com

Applicant's statement for Water Quality Impact Assessment:

I certify that I am a licensed professional in the Commonwealth of Virginia and that to the best of my knowledge, having completed a site-specific in-field evaluation and delineation of perennial flow, in my opinion the proposed development meets the requirements of Hanover County Code, Chapter 10, Article II, Chesapeake Bay Preservation.

Applicant's Signature: _____ Date: January 31, 2023

Applicant's Name (print or type): Mark Williams

Applicant's statement for Wetlands:

I certify that I am a licensed professional in the Commonwealth of Virginia and that to the best of my knowledge, in my opinion the proposed development complies with the current requirements of section 404 of the Clean Water Act and state wetland regulations including the requirement that a wetlands delineation be performed and shown on the requisite plan.

Applicant's Signature: _____ Date: January 31, 2023

Applicant's Name (print or type): Mark Williams

Applicant's statement for non RPS Disturbance/RMA Disturbance:

I certify that I am a licensed professional in the Commonwealth of Virginia and that to the best of my knowledge, in my opinion the proposed development will not result in land disturbance of any nature within a Resource Protection Area (RPA) or exceed two thousand five hundred (2,500) square feet within a Chesapeake Bay preservation Area (CBPA) and that there will be no concentrated flows into a CBPA from a disturbed area of more than two thousand five hundred (2,500) square feet to be located anywhere on the property.

Applicant's Signature: _____ Date: _____

Applicant's Name (print or type): _____

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- ☐ Approved
- ☐ Incomplete (additional information required)
- ☐ Disapproved
- ☐ Exception required

By: _____ Date: _____

Comments: _____

_____

_____

- ☐ Approved
- ☐ Disapproved
- ☐ Exception required

By: _____ Date: _____

Comments: _____

_____

_____

Director's signature: _____ Date: _____
(or designee)