NORTH BAY VILLAGE
EST. 1945

NORTH BAY VILLAGE
OFFICIAL AGENDA
SUSTAINABILITY AND RESILIENCY TASK FORCE
VIRTUAL MEETING
MEETING ID: 832 6689 1812 | PASSCODE: 215019
TUESDAY, MAY 27, 2025 at 6:30 PM

1. Opening Items

1.A. Call to Order

1.B. Roll Call

1.C. Selection of Board Secretary for the 2024 - 2026 Term

2. Approval of Meeting Minutes

2.A. Approval of Meeting Minutes: February and March Meetings

05.27.2025 - SRTF - Agenda - Item 2A - February Minutes Draft.docx
05.27.2025 - SRTF - Agenda - Item 2A - March Minutes Draft.docx

3. Old Business

3.A. Update on the Status of the Green Building Code Revisions Project

4. New Business

4.A. Presentation by Oil Kontrol Representatives: Fanny Marino and Marianella Watanabe

05.27.2025 - SRTF - Agenda - Item 4A - Oil Kontrol Presentation.pdf

4.B. Presentation on Transitioning into Private Waste Services

5. **Staff / Commission Liaison Updates**

6. **Public Comments**

7. **Agenda Items for Next Meeting: June 24, 2025 - Meeting conflicts with a budget hearing, must be rescheduled or deferred to July.**

8. **Adjournment**

THIS MEETING IS OPEN TO THE PUBLIC. IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1990, ALL PERSONS THAT ARE DISABLED; WHO NEED SPECIAL ACCOMMODATIONS TO PARTICIPATE IN THIS MEETING BECAUSE OF THAT DISABILITY SHOULD CONTACT THE OFFICE OF THE VILLAGE CLERK AT 305-756-7171 EXT. 45 NO LATER THAN FOUR DAYS PRIOR TO SUCH PROCEEDING.

IN ACCORDANCE WITH THE PROVISIONS OF SECTION 286.0105, FLORIDA STATUTES, ANYONE WISHING TO APPEAL ANY DECISION MADE BY VILLAGE COMMISSION, WITH RESPECT TO ANY MATTER CONSIDERED AT THIS MEETING OR HEARING, WILL NEED A RECORD OF THE PROCEEDINGS AND FOR SUCH PURPOSE, MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE WHICH RECORD SHALL INCLUDE THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED. AGENDA ITEMS MAY BE VIEWED AT THE OFFICE OF THE VILLAGE CLERK, NORTH BAY VILLAGE, 1666 KENNEDY CAUSEWAY. ANYONE WISHING TO OBTAIN A COPY OF ANY AGENDA ITEM SHOULD CONTACT THE VILLAGE CLERK AT 305-756-7171 EXT 45. A COMPLETE AGENDA PACKET IS ALSO AVAILABLE ON THE VILLAGE WEBSITE AT www.nbvillage.com.

TO REQUEST THIS MATERIAL IN ACCESSIBLE FORMAT, SIGN LANGUAGE INTERPRETERS, INFORMATION ON ACCESS FOR PERSON WITH DISABILITIES, AND/OR ANY ACCOMMODATION TO REVIEW ANY DOCUMENT OR PARTICIPATE IN ANY VILLAGE-SPONSORED PROCEEDING, PLEASE CONTACT (305) 756-7171 FIVE DAYS IN ADVANCE TO INITIATE YOUR REQUEST. TTY USERS MAY ALSO CALL 711 (FLORIDA RELAY SERVICE).

NORTH BAY VILLAGE
SUSTAINABILITY AND RESILIENCY
TASK FORCE

VIRTUAL MEETING MINUTES

MONDAY, FEBRUARY 24, 2025, | 6:30 P.M.
MEETING ID: 869 2368 4044 | PASSCODE: 596227

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1. Call to Order / Roll Call:
    a. Chair Alisha Graham asked the Vice Chair to spearhead the meeting.
    b. Vice Chair Doebler called the virtual meeting to order at 6:34 p.m.
        i. Board Members Present:
            - Board Member Alisha Graham
            - Board Member Dave Doebler
            - Board Member Neil Krasner
            - Board Member Oliver Pfeffer
            - Board Member Brenda Krebs

        ii. Village Staff Present:
            - Mayor Rachel Streitfeld
            - Commissioner Doris Acosta
            - Village Manager Frank Rollason

        iii. Additional Participants:
            - Martin Ogawa
            - Co-Founder of Reef Arches Nick Arches
            - Jason Neal – Waste Management

    c. Selections of the Chair, Vice Chair, and Secretary:
        i. Neil Krasner made a motion to nominate Alisha Graham as Chair. Dave Doebler seconded it, and the motion passed unanimously.
        ii. Neil Krasner motioned to nominate Dave Doebler as Vice Chair. Alisha Graham seconded the motion, which passed unanimously.
        iii. Secretary: Suggestions were made to use Artificial Intelligence instead of a Secretary. The matter will be revisited after A.I. options are explored.

2. Approval of Last Meeting Minutes: January Meeting Minutes
    a. Neil Krasner motioned to approve the January meeting minutes. Oliver Pfeffer seconded it, and the motion passed unanimously.

3. Old Business

4. New Business
    a. *Presentation by Reef Arches Co-Founder*:
        i. Customized concrete structures designed to cultivate and allow marine life to thrive.
        ii. Chair Graham opened the floor for attending members of the public to offer comments and ask questions.

    b. *Discussion Waste Connections Shutting Down the Recycling Plant*
        i. Chair Graham moved this item up.
        ii. Waste Connections will be shutting down its recycling plant.
        iii. Concerns were expressed over the effectiveness of properly sorting recyclables once picked up.
        iv. Village Manager Rollason said the Village will renew its residential recycling program with Miami-Dade County.
        v. The Board will contact the Village Planner to clarify the provisions that regulate recycling and trash chute designs in commercial buildings.
        vi. Mr. Neal from Waste Management answered questions from the Board and offered contact information for future dialogues to continue.

    c. *Discussion on Dark Sky Yoga Event on 4/21 through 4/28*:
        i. Board Member Krebs expressed the event's popularity in past years and wants to continue the trend.
        ii. Concerns were raised about not giving enough light to other park patrons not participating in the yoga class.

    d. *Discussion on Be-305-Free Water/Energy Audits*:
        i. A free competitive learning opportunity offering virtual classes on how residents can perform energy audits to lower utility bills.

    e. *Discussion on Developing a NBV Zero Waste Plan*:
        i. Discussions were held on how to reduce organic waste, which was tied to enhancing the Village's recycling program to reduce further the trash that needs to be destroyed.
        ii. A motion to partner with Zero Waste Coalition to obtain more insight was made. The motion was unanimously approved via voice vote.

    f. *Discussion on Jet Ski Operators Dumping Floating Platforms on Pelican Harbor*:
        i. Deferred.

    g. *Discussion on NBV Building Code, Possibly Adding A "Future Crown of Road" Concept*:
        i. To publish a document that shows property owners when and how high the Village will be raising the roads around their properties.

5. Staff / Commission Liaison Updates:

6. Public Comments: None

7. Discussion of Agenda Items for Next Meeting: None

8. Adjournment:
    a. *Motion to Adjourn*: Vice Chair Doebler motioned to adjourn.
        i. Second: Chair Graham.
        ii. Vote: All in favor – Voice Vote
        iii. Motion: PASSED
    b. *Adjourned*: 8:43 p.m.

NORTH BAY VILLAGE
EST. 1945

NORTH BAY VILLAGE
SUSTAINABILITY AND RESILIENCY
TASK FORCE

VIRTUAL MEETING MINUTES

TUESDAY, MARCH 25, 2025, | 6:30 P.M.
MEETING ID: 817 3971 4213 | PASSCODE: 522638

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1. Call to Order / Roll Call:
    a. Chair Alisha Graham asked the Vice Chair to spearhead the meeting.
    b. Vice Chair Doebler called the virtual meeting to order at 6:30 p.m.
        i. Board Members Present:
            1. Chair Alisha Graham
            2. Vice Chair Dave Doebler
            3. Board Member Neil Krasner
            4. Board Member Oliver Pfeffer
            5. Board Member Brenda Krebs
        ii. Village Staff Present:
            1. Mayor Rachel Streitfeld
            2. Commissioner Doris Acosta
            3. Chief of Staff Leo Cosio
            4. Legislative Aide Gabriella Russitano
        iii. Additional Participants:
            1. Kelsey Rumburg, Village Resident

2. Approval of Last Meeting Minutes: February 24, 2025 – Draft Pending.

3. Old Business
    a. Update on the Status of the Green Building Code Revisions Project:
        i. Changing the optional recommendations in the current building code to be requirements.
        ii. Implementing a point system for the requirements.
        iii. Pushing the minimum floor elevation slightly higher for base flood due to seawall height issues and other factors.
        iv. Board Member Oliver Pfeffer will present the first draft at the next meeting, and the rest of the Board will review and give recommendations.
        v. BE305 mandates monitoring water and energy efficiency in the code.
        vi. Board Member Oliver Pfeffer is updating the code after consulting with others and making similar changes.

vii. Mayor Rachel Streitfeld and Board Member Oliver Pfeffer will circulate the red line version of the Green Building Code revisions before the presentation.

4. New Business
   a. *Discussion on the Native Plant Ordinance*:
      i. The Board agreed they want aesthetically pleasing plants in the Village.
      ii. Legislative Aide Gabriella Russitano will develop landscape irrigation design and Florida-friendly best practices for reducing water usage using state statutes and send information in a follow-up. There is a model ordinance.
      iii. Legislative Aide Gabriella Russitano compiled information on local xeriscape ordinances and incentives for planting using state statutes. There is a model ordinance. Follow-up information will be sent.
      iv. The Board agreed to focus on incentivizing native plantings through their code.

   b. *Discussion on Creating a Quarterly Litter Clean-Up Initiative*:
      i. Mayor Streitfeld, Commissioner Doris Acosta, and Village Staff will lead this initiative.
      ii. Mayor Streitfeld offered resources and support.
      iii. Village Staff will handle the promotion and coordination of the project.
      iv. Commissioner Doris Acosta will contact Fertile Earth Worm Farm about participating in the Poop-Free NBV event on April 26, 2025.
      v. Village Staff will collaborate with Volunteer Cleanup – Vice-Chair Dave Doebler's non-profit that leads cleanups – to handle registration and promotion of the event.

   c. *Discussion on Earth Day Event – Sponsored by Commissioner Doris Acosta*:
      i. Commissioner Doris Acosta will send the group proposed Earth Day cleanup and fair dates.
      ii. Legislative Aide Gabriella Russitano will schedule a follow-up meeting next Friday with Commissioner Acosta, Mayor Streitfeld, and the Village Marketing/Communications Department to discuss Earth Month event components.

   d. *Discussion on the April 2025 Dark Sky Month Proclamation*:
      i. The Proclamation will be on the agenda for the April commission meeting.
      ii. Board Member Brenda Krebs will coordinate with Village Clerk Alba Chang on the Dark Sky proclamation language.

   e. *Discussion on Dark Sky Month Yoga Classes in April*:
      i. Every Wednesday in April, the Village Staff manually turn down the lights at the yoga location.

   f. *Discussion on Proper Operation of Leaf Blower Equipment*:
      i. If disturbances occur, they must be reported to Code Enforcement.
      ii. Board Member Brenda Krebs will email the action team (copying Mayor

Streitfeld) about enforcing the leaf blower ordinance.
   iii. Vice Chair Dave Doebler will investigate the MODA leaf blower issue and speak with the building manager.
   iv. Board Member Brenda Krebs will send Vice Chair Doebler details and video of the leaf blower problem at MODA.

g. *Discussion on #PoopFreeNBV Event on April 26, 2025*:
   i. Scheduled for April 26, 2025, from 10:00 a.m. until NOON in the dog park.
   ii. Multiple vendors will participate.
   iii. Legislative Aide Gabriella Russitano will ensure the #PoopFreeNBV event is added to the city calendar.
   iv. Mayor Streitfeld will contact Compost for Life about participating in the #PoopFreeNBV event.
   v. Chair Alisha Graham will contact Urban Paradise Guild about having plants at the Poop-Free NBV event.

5. Staff / Commission Liaison Updates:
   a. Mayor Streitfeld offered two updates:
      i. The Village's contract with SFM Landscaping is month-to-month. The Village's Public Works Director is recommending piggybacking off two separate landscape contracts:
         1. One contract will handle the day-to-day maintenance
         2. The other contract will focus on actual landscaping.
         3. A proposal for both recommendation contracts will come before the Board in April.
      ii. The Village is considering privatizing waste pickup.

6. Public Comments: None

7. Discussion of Agenda Items for Next Meeting: None

8. Adjournment:
   a. *Motion to Adjourn*: Board Member O. Pfeffer motioned to adjourn.
      i. Second: Board Member B. Krebs.
      ii. Vote: All in favor – Voice Vote
      iii. Motion: PASSED
   b. *Adjourned*: 7:30 p.m.



Hello,

My name is Fanny Marino, CEO of OILKONTROL FLORIDA. this new product is certified by the USDA (United States Department of Agriculture) as 100% organic and biodegradable. It absorbs all hydrocarbons and organic and vegetable oil that may be spilled on the planet, regardless of the surface, whether it's oceans, rivers, canals, land, snow, pavement, or any other surface. It leaves no trace of the hydrocarbon as it immediately absorbs it. We can recover 60% to 70% of the absorbed hydrocarbon, which can be refined or reused in its absorbed state (it does not absorb water). The remaining residue can be used as fuel in furnaces or industrial boilers, converting the waste into 4% to 5% ash, which can be used in other industries depending on each sector's regulations.

To verify its effectiveness, we would be happy to provide a demonstration on any contaminated surface you may have or wherever you recommend. We are prepared to supply the OILKONTROL product, which several industries can use for cleaning Bays, Ports, airports, marinas, restaurants, pools, mechanic shops, and much more. It can be used in any spill that occurs.

OILKONTROL FLORIDA is a vendor for Miami-Dade County and the State of Florida. We are also present in several countries. We are at your service to alleviate spillage problems and contribute to the cleanliness of our county or the state of Florida.

With this information, I hope you will allow us to demonstrate our product. Please let me know the best time and date for us to present.

Visit our website, oilkontrolofflorida.com, and review our demo video.

Please do not hesitate to call or email me.

Cordially yours,

Fanny Marino
CEO/President

6801 West 20th Avenue, Hialeah, FL 33014, USA
Tel: 305.766.2895 • E: info@oilkontrolofflorida.com

NGES OilKontrol™

TECHNICAL SPECIFICATIONS

OilKontrol™

Environmental Spill Response Technology

Immediate Response to Hydrocarbon Spills!

Universidad de Valparaíso CHILE · ASTM INTERNATIONAL · AFNOR CERTIFICATION NF T90-360 · ISO COMPANY · USDA CERTIFIED BIOBASED PRODUCT · Cedre · VNIVERSITAT DE VALÈNCIA

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LAND CUSHION

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces.

It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.



Product datasheet

- Appearance: blue-greenish fiber
- Cushion size: 40 cm x 50 cm
- Cushion weight: 1 kg
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Formats: 12, 7, 3 and 1 Kg
- Absorption capacity per unit: up to 7 liters
- Units per box: 12u

Packaging and storage

In this format, OilKontrol comes as filling of a yellow cushion of 40cm x 50 cm and 1kg. It has been designed for all types of weather conditions (snow, rain, etc.).

Advantages

- Easy to transport to risk points, it can control and absorb all types of spills on land.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- Absorbs spills preventing leakage in the soil.
- It is resistant to a wide range of substances such as oils, greases,hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Considerations

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue. We recommend abiding by the applicable environmental regulations.
- Check product datasheet before use.

ABSORBENT FLOATING CUSHION

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces.

It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.



Product datasheet

- Appearance: blue-greenish fiber
- Cushion size: 50 cm x 50 cm
- Cushion weight: 1kg
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity per unit: up to 16 liters
- Units per box: 12u

Packaging and storage

OilKontrol comes in fabric and polypropylene pads of 50 x 50 cm, weighting 1kg. It has been designed for all types of weather conditions (snow, rain, etc.).

Uses & advantages

The absorbent floating cushion has been designed following the IMO legal requirements. Its design makes the cushions the most efficient product on the market for the control of small leaks in aqueous surfaces.

- Each cushion can absorb several times its own weight.
- It is compatible with a wide variety of hydrocarbon-based systems.
- Respectful with the environment as it does not contain toxic volatile compounds.
- Easy to handle and manage.
- Prevents the product from decanting, facilitating its collection.
- Once the product is absorbed, the cushion keeps the hydrocarbon encapsulated avoiding leaks.

Considerations

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue. We recommend abiding by the applicable environmental regulations.
- Check product datasheet before use.

WORKING AREAS' MAINTENANCE KIT, 160L

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones.

After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.



KIT DE MANTENIMIENTO DE ZONAS DE TRABAJO, 160L	CANTIDAD
YELLOW CONTAINER OF 120 L FOR BEFORE USE STORAGE	1
RED CONTAINER OF 120 L FOR AFTER USE STORAGE	1
ORGANIC FIBER	18 Kg
ABSORBENT BARRIER OF 2.5M	2 barriers
PAIR OF NITRILE GLOVES	1 pair
DISPOSABLE OVERALL	1 overal

Product datasheet

- Appearance: blue-greenish fiber
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity per kit: up to 160 liters

Advantages

- Easy to transport to risk points, it has the elements to control and absorb all types of spills. In addition, it includes personal protection material.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Packaging and storage

The amount of OilKontrol included in the kit has an absorption capacity of 160 liters. It has been designed for all types of weather conditions (snow, rain, etc.).

Considerations

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue. We recommend abiding by the applicable environmental regulations.
- Check product datasheet before use.

MINI INDUSTRIAL KIT FOR VANS, 38L

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones.

The Mini Industrial Kit for Vans Kit, designed for easy transportation, includes equipment and materials needed to rapidly and efficiently control small spills.

MINI INDUSTRIAL KIT FOR VANS, 38L	AMOUNT
ULTRA RESISTANT WASHABLE PVC BAG	1
ABSORBENT ORGANIC FIBER (1KG bag)	1 bag
ABSORBENT CUSHION	1 cushion
ABSORBENT BARRIER OF 2.5M	1 barrier
PAIR OF NITRILE GLOVES	1 pair
DISPOSABLE OVERALL	1 overal
WASTE BAGS	1 bag

Product datasheet

- Appearance: blue-greenish fiber
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity per kit: up to 38 liters

Uses

Cars, small and medium-size trucks, vans and cargo vans, light machinery, maintenance areas, companies in charge of hydrocarbons transfer facilities, or harmful liquid pollutant substances, whether they are owners or concessionaires.



Advantages

- Easy to transport to risk points, it has the elements to control and absorb all types of spills. In addition, it includes personal protection material.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Packaging and storage

The amount of OilKontrol included in the kit has an absorption capacity of 38 liters. It has been designed for all types of weather conditions (snow, rain, etc.).

Considerations

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue.
- We recommend abiding by the applicable environmental regulations. Check product datasheet before use.

KIT FOR TRUCKS AND HEAVY EQUIPMENT, 98 L

ENG

OilKontrol™

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.
The Truck And Heavy & Rolling Machinery Kit, designed for easy transportation, includes equipment and materials needed to rapidly and efficiently control small spills.

TRUCK AND HEAVY & ROLLING MACHINERY, 98L	AMOUNT
ULTRA RESISTANT WASHABLE PVC BAG	1
ABSORBENT ORGANIC FIBER BAG (7KG bag)	1 bag
ABSORBENT CUSHION	2 cushions
ABSORBENT BARRIER OF 2.5M	1 barrier
PAIR OF NITRILE GLOVES	2 pairs
WASTE BAGS	2 bags
PLASTIC SHOVEL WITH RUBBER TIP	1 shovel
PLASTIC BROOM FOR MANUAL RECOLLECTION	1 broom
RESPIRATORY MASK	1 mask
DISPOSABLE OVERALL	1 overall
PROTECTION GOGGLES	1 pair



Advantages

- Easy to transport to risk points, it has the elements to control and absorb all types of spills. In addition, it includes personal protection material.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Product datasheet

- Appearance: blue-greenish fiber
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity per kit: up to 98 liters

Uses

- Industrial equipment maintenance.
- Fuel storages.
- Tank cars.
- Mining.
- Companies in charge of hydrocarbons transfer facilities, or harmful liquid pollutant substances, whether they are owners or concessionaires.
- Farmlands that store fuels and harmful substances.
- Waste management service companies.

Empaquetado y almacenamiento

The amount of OilKontrol included in the kit has an absorption capacity of 98 liters. It has been designed for all types of weather conditions (snow, rain, etc.).

Consideraciones

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue.
- We recommend abiding by the applicable environmental regulations. Check product datasheet before use.

SEA ABSORBENT BARRIER

ENG

OilKontrol™
Environmental Spill Response Technology



OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.
The product is made with non-woven fabrics, filled with fiber and with carabiner hooks to quickly and reversibly interconnect with each other to create a bigger barrier. It is designed to control industrial spills on aquatic surfaces. It follows all IMO regulations.

Product datasheet

- Appearance: blue-greenish fiber
- Barrier size: 300 cm long x 25 cm diameter
- Barrier weight: 7.8kg
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity per unit: up to 56 liters

Uses

- Naval crafts (susceptible to contamination).
- Shipyards.
- Ports and maritime terminals.
- Companies dedicated to the delivery of fuels to small and large ships: from piers, docks, berths and dry docks.
- Companies in charge of hydrocarbons transfer facilities, or harmful liquid pollutant substances, whether they are owners or concessionaires.
- Farmlands that store fuels and harmful substances.
- Waste removal service companies.
- Companies dedicated to the tasks of containment, recovery, cleaning and disposal of waste produced by spills of hydrocarbons, their by-products and other harmful liquid substances.
- Yacht clubs, marinas and other recreational-type facilities, where fuel transfer is carried out through fixed installations.

Advantages

- Easy to transport to risk points, it contains the elements to control and absorb all types of spills.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Packaging and storage

In this format, OilKontrol comes as a barrier filler 3m long.
It has been designed for all types of weather conditions (snow, rain, etc.).

Considerations

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue.
- We recommend abiding by the applicable environmental regulations. Check product datasheet before use.

BAGS

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.

It is a biodegradable granulated product for hydrocarbon containment and chemical products' spills that comes packaged in four sizes. The fibers can be used to contain small accidental spills when handling gasoline, oil, grease, solvents and other hydrocarbon by-products on solid surfaces, soil or water. Ideal for use in small businesses or industries, and at home.



Ficha técnica producto

- Appearance: blue-greenish fiber
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Formats: 12, 7, 3 and 1kg
- Absorption capacity per kilogram: up to 7 liters

Empaquetado y almacenamiento

OilKontrol comes in bags of 12, 7, 3 and 1 kilogram.
It has been designed for all types of weather conditions (snow, rain, etc.).

Ventajas

- Easy to transport to risk points.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Consideraciones

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue.
- We recommend abiding by the applicable environmental regulations. Check product datasheet before use.

SEA CONTROL UNIT

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.
The Sea Spill Control Unit, SSCU, is an orange container that stores the necessary equipment and materials to quickly and efficiently control any type of medium to large-scale spill, facilitating compliance with international MARPOL-IMO regulations. The SSCU can be moved by land (trucks), by sea/river, and by air (helicopters or cargo planes). Although the contents are standarized, they can be customized to meet a client's needs and risk analysis of the sites under their exploitation.



DESCRIPTION	SCU 20,000L
SPECIALLY DESIGNED CONTAINER WITH ALARM SYSTEM	1
ABSORBENT ORGANIC FIBER (bags of 7 KG)	257 bags
ABSORBENT CUSHION (12u per box)	5 boxes
ABSORBENT BLANKET (2u per box)	5 boxes
SEA ABSORBENT BARRIER (6u per box)	5 boxes
SEA ABSORBENT BARRIER FOR HEAVY TASKS	204 barriers
WORKING AREAS' MAINTENANCE KIT, ABSORPTION CAPACITY OF 160L	4 kits
TRUCK, AND HEAVY & ROLLING MACHINERY KIT, ABSORPTION CAPACITY OF 98L	4 kits
PROTECTION GOGGLES	20 pairs
PAIR OF NITRILE GLOVES	100 pairs
DISPOSABLE OVERALL	100 overalls
To help control the spill quickly and effectively, we recommend including a motorized inflatable boat and a containment pool.	

DESCRIPTION	SCU 40,000L
SPECIALLY DESIGNED CONTAINER WITH ALARM SYSTEM	1
ABSORBENT ORGANIC FIBER (bags of 7 KG)	514 bags
ABSORBENT CUSHION (12u per box)	10 boxes
ABSORBENT BLANKET (2u per box)	10 boxes
SEA ABSORBENT BARRIER (6u per box)	10 boxes
SEA ABSORBENT BARRIER FOR HEAVY TASKS	408 barriers
WORKING AREAS' MAINTENANCE KIT, ABSORPTION CAPACITY OF 160L	8 kits
TRUCK, AND HEAVY & ROLLING MACHINERY KIT, ABSORPTION CAPACITY OF 98L	10 kits
PROTECTION GOGGLES	30 pairs
PAIR OF NITRILE GLOVES	300 pairs
DISPOSABLE OVERALL	200 overalls
To help control the spill quickly and effectively, we recommend including a motorized inflatable boat and a containment pool.	

Product datasheet

- Appearance: blue-greenish fiber
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity according to the SCU's size

Advantages

- By including all the necessary elements, the SSCU optimizes the reaction time to a spill in the water. In addition, it has a power connection, interior lighting, and an exterior beacon.
- OilKontrol is a natural biodegradable product, non-toxic before use.
It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Uses

- Naval crafts (susceptible to contaminate).
- Shipyards.
- Ports and maritime terminals.
- Companies dedicated to the delivery of fuels to small and large ships: piers, docks, berths and dry docks.
- Companies in charge of hydrocarbons transfer facilities, or harmful liquid pollutant substances, whether they are owners or concessionaires.
- Companies dedicated to the tasks of containment, recovery, cleaning and disposal of waste produced by spills of hydrocarbons, their by-products and other harmful liquid substances.
- Yacht clubs, marinas and other recreational facilities, where fuel transfer is made through fixed facilities.

Empaquetado y almacenamiento

In the SSCU, the amount of OilKontrol included has an absorption capacity of 20,000 to 40,000 liters. It has been designed for all types of weather conditions (snow, rain, etc.).

Consideraciones

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue.
- We recommend abiding by the applicable environmental regulations. Check product datasheet before use.

LAND CONTROL UNIT

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.

The Land Control Unit, LCU, is a yellow container that stores the necessary equipment and materials to quickly and efficiently control any type of medium to large-scale spill. The LCU can be moved by land (trucks), by sea/river, and by air (helicopters or cargo planes). Although the contents are standarized, they can be customized to meet a client's needs and risk analysis of the sites under their exploitation.



DESCRIPTION	SCU 10,000L
SPECIALLY DESIGNED CONTAINER WITH ALARM SYSTEM	1
ABSORBENT ORGANIC FIBER (bags of 7 KG)	129 bags
ABSORBENT CUSHION (12u per box)	5 boxes
ABSORBENT BLANKET (2u per box)	5 boxes
LAND ABSORBENT BARRIER (6u per box)	10 boxes
WORKING AREAS' MAINTENANCE KIT, ABSORPTION CAPACITY OF 160L	4 kits
TRUCK, AND HEAVY & ROLLING MACHINERY KIT, ABSORPTION CAPACITY OF 98L	4 kits
PROTECTION GOGGLES	10 pairs
PAIR OF NITRILE GLOVES	50 pairs
DISPOSABLE OVERALL	50 overalls

DESCRIPTION	SCU 40,000L
SPECIALLY DESIGNED CONTAINER WITH ALARM SYSTEM	1
ABSORBENT ORGANIC FIBER (bags of 7 KG)	200 bags
ABSORBENT CUSHION (12u per box)	5 boxes
ABSORBENT BLANKET (2u per box)	5 boxes
LAND ABSORBENT BARRIER FOR HEAVY TASKS	20 barriers
WORKING AREAS' MAINTENANCE KIT, ABSORPTION CAPACITY OF 160L	8 kits
TRUCK, AND HEAVY & ROLLING MACHINERY KIT, ABSORPTION CAPACITY OF 98L	10 kits
PROTECTION GOGGLES	50 pairs
PAIR OF NITRILE GLOVES	50 pairs
DISPOSABLE OVERALL	50 overalls

Product datasheet

- Appearance: blue-greenish fiber
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity according to the SCU's size

Advantages

- By including all the necessary elements, the LCU optimizes the reaction time to a spill. In addition, it has a power connection, interior lighting, and exterior beacon.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Aplicaciones

- Airports.
- Motorways.
- Forest trails and roads.
- Mining.
- Drilling and oil works.
- Fuel plants.
- Fuel delivery and distribution companies.
- Companies in charge of containment, recovery, cleaning and disposal of waste produced by discharges of hydrocarbons, their by-products and other liquid harmful substances.

Empaquetado y almacenamiento

In the LCU, the amount of OilKontrol included has an absorption capacity of 10,000 to 20,000 liters.
It has been designed for all types of weather conditions (snow, rain, etc.).

Consideraciones

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue.
- We recommend abiding by the applicable environmental regulations. Check product datasheet before use.

LAND BARRIER

ENG

OilKontrol™
Environmental Spill Response Technology

OilKontrol is a compound of 100% natural and biodegradable organic fibers that act on any derivative of hydrocarbons, vegetable, mineral or animal oils, as well as some acids in all types of surfaces. It is a new non-toxic and inert product that acts much faster than most existing ones. After absorbing and encapsulating the spill, it is able to biodegrade the hydrocarbons through a process with bacteria.

This product is made with non-woven fabrics, filled with fibers. It is designed to contain industrial discharges on land.



Product datasheet

- Appearance: blue-greenish fiber
- Barrier size: 250 cm long x 25 cm diameter
- Barrier weight: 2.2kg
- Specific weight: 0.20-0.22 N / m3
- Inflammable point: 280 - 290° C; combustion (moist). Not flammable
- Chemical resistance to oils, fats, hydrocarbons, solvents, Cl2Ca, salt
- Humidity: 5%
- Ash content: 4%
- Specific gravity: 0.8 / 0.9
- Inert material: 0.5%
- PH: 7 (neutral)
- Absorption capacity per unit: up to 18 liters

Packaging and storage

- In this format, OilKontrol comes as a barrier filler 2.5m long.
- It has been designed for all types of weather conditions (snow, rain, etc.).

Advantages

- Easy to transport to risk points, it contains the elements to control and absorb all types of spills.
- OilKontrol is a natural biodegradable product, non-toxic before use.
- It has a great speed of hydrocarbons absorption.
- It allows the reuse of contaminated soil.
- It is resistant to a wide range of substances such as oils, greases, hydrocarbons, solvents, salts, among others.
- It absorbs spills of acids, hydrocarbons or vegetable oils that contaminate the soil and water.

Considerations

- Like any other material with polyester, the hazardous product has to be disposed of by incineration for total elimination. It has a high caloric content and generates very little ash residue. We recommend abiding by the applicable environmental regulations.
- Check product datasheet before use.



This is a reminder, courtesy of **Next Generation Environmental Solutions, LLC. - NGES. D.b.a. OilKontrol Florida.** *Please scan the Bio Preferred QR code to review the official regulations. Be sure to open the window labeled* ***'MANDATORY'*** *to find the most relevant information.*

Thank you for your attention.

Notice of Certification / Application ID: 9916

September 27, 2021

Luis Melo Garcia
OILKONTROL USA, INC
10255 NW 74 Terrace
Doral, FL 33178

Dear Luis Melo Garcia,

On behalf of the United States Department of Agriculture's (USDA's) BioPreferred® program, I am pleased to inform you that your application for use of the USDA Certified Biobased Product Label for OILKONTROL FIBER has been approved as of September 22, 2021. The test result for OILKONTROL FIBER indicates that its biobased content is 100%. According to your application, you may now use the Label on the products within OILKONTROL FIBER, listed below:

* OILKONTROL®

The Label remains in effect as long as the products or packages are manufactured and marketed in accordance with the approved application and requirements in the US Code of Federal Regulations Title 7§3202 Voluntary Labeling Program for Biobased Products unless one of the following conditions occurs:

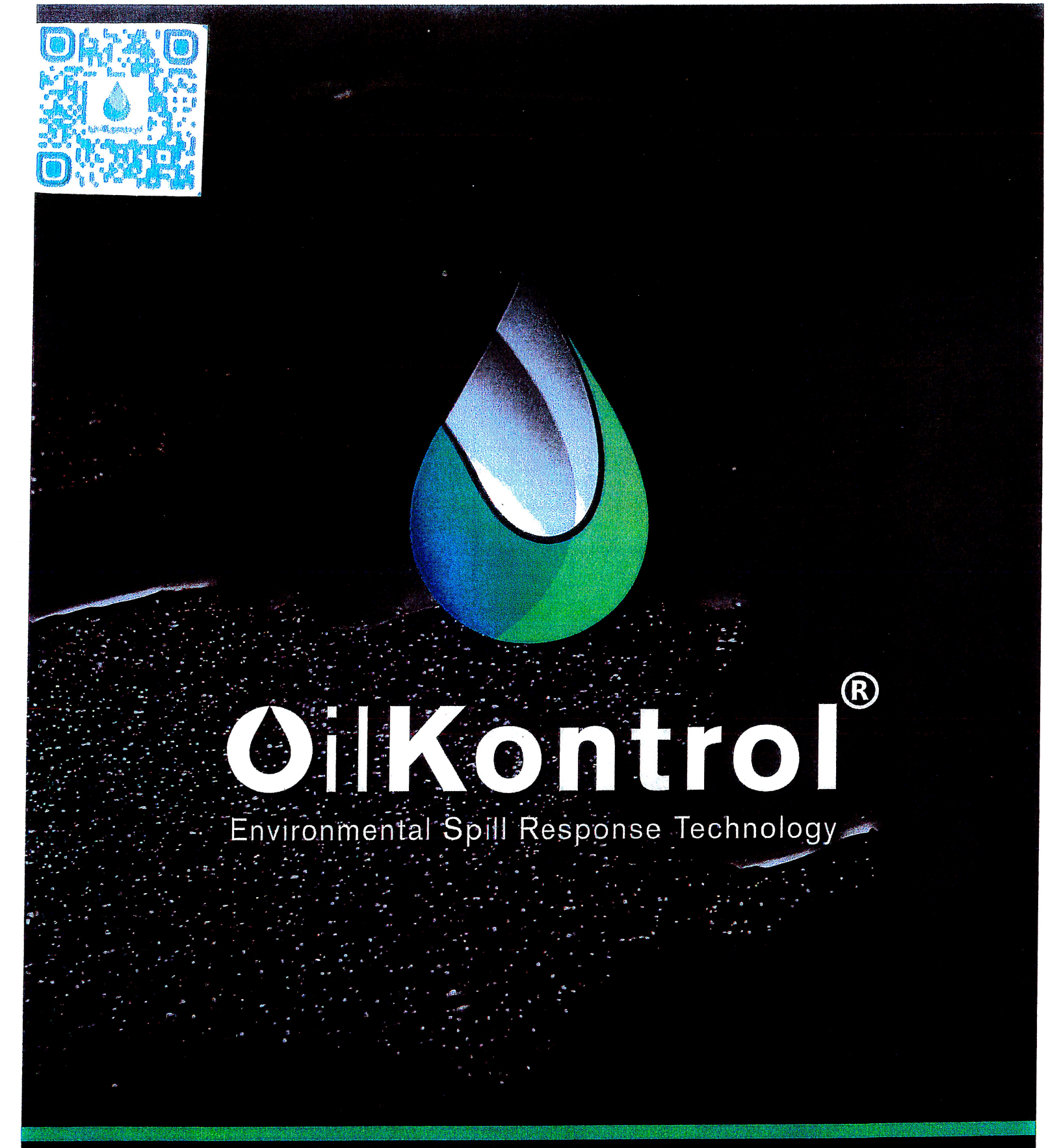
1. Product or package reformulation: The product or package formulation of the certified product is changed such that the biobased content is reduced to a level below that reported in the approved application. When products have been reformulated, a new application for certification must be submitted in order to resume using the USDA Certified Biobased Product Label; and/or,
2. New minimum biobased content: USDA revises the minimum biobased content required for a product or package to be eligible to display the certification mark and the product or package does not meet the revised minimum. USDA will inform you that your certification is no longer valid. In this case, you must increase the biobased content of your product to be at or above the revised minimum and re-apply for certification within 60 days in order to continue to use the certification mark.

Please note that all certifications are subject to USDA's periodic auditing activities. You must read the BioPreferred **Brand Guidelines and Graphic Standards** document prior to **downloading label artwork** (eAuthentication login is required).

This email is your official notice of biobased product certification. Please print and save this email should you need to provide certification documentation to any entity.

The BioPreferred program looks forward to a long and successful partnership with you in the promotion of biobased products. If you have additional questions or would like further information, you may call the BioPreferred Program Information Line at (202) 643-3287 or email us at help@usdabiopreferred.net.

Sincerely,
USDA BioPreferred Program Staff



USDA CERTIFIED BIOBASED PRODUCT PRODUCT 100%
BioPreferred
Cedre
aitex
ASTM INTERNATIONAL
AFNOR CERTIFICATION
ISO 14001
ISO 9001
500 MEJORES PREMIOS VERDES 2023
Universidad de Valparaíso CHILE Facultad de Ciencias
EUIPO EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE
Intellectual Property Office
Oficina Española de Patentes y Marcas
TURK PATENT TÜRK PATENT VE MARKA KURUMU
Korean Intellectual Property Office
INTELLECTUAL PROPERTY INDIA
INPI ARGENTINA

OilKontrol®

trol is a bioabsorbent fiber 100% natural, organic, and biodegradable that absorbs and encapsulates all types of hydrocarbons, mineral or vegetable oil, it is the most efficient way to control and mitigate any impact by spills, its molecular structure makes it rapidly absorb by capillarity, encapsulating in its core, the spilled product, whether on land or water surfaces.

ew non-toxic and inert product that acts much faster than most existing products. After absorbing and encapsulating the spill, 70 % of the product absorbed through the pressing and centrifugation processes can be ed. The remaining 30% of the contaminated product can be used by recycling companies to manufacture biofuels.

of Loose Bio-Absorbent Fiber

trol leaks, spills, and maintenance in areas like workshops, railways, parking lots, highways, factories, service is, airports, seabeds, and rivers. The loose fiber is easy to sweep up after spills and, on water, it encapsulates arbons, preventing spread until collection. Tests show it is safe for marine life and the environment.

al Properties:
earance: Blue-green fibers.
cific gravity 0.20 – 0.22 / PH 7 (Neutral)
shpoint 280 – 290 °C / Flammability (wet) - Not flammable
mical Resistance: Oils, fats, hydrocarbons, solvents, Cl2Ca, salt.
nidity 5%
content 4 %

ing and Storage: Available in 2, 6, and 12 kg bags, and a 5 kg bucket. Store in a ce, away from heat and ignition sources.



LAND PRODUCTS

d Barrier

ster fabric sleeves filled with bio-absorbent fiber create effective spill containment barriers, preventing n floors and industrial sites. They can be linked to variable containment sizes. After setup, add bulk fiber to he spill, then sweep and remove the used barrier. Ideal for oil spills or accidents on roads.

Properties:
cal Aspect: Cylindrical barrier 2.5m long with a diameter of 10cm.
fic weight: 2.2 kg
Neutral)
point: 280 – 290 °C / Flammability (wet) or flammable
ical resistance: Oils, fats, hydrocarbons, solvents, Cl2Ca, salt.
dity: 5%
ontent: 4%
f 6 units

g and Storage:
ade of 100% UV-protected 3D polyester fabric for extended outdoor durability, measuring 10 cm er and 2.5 meters in length, filled with 2.2 kg of bio-absorbent, oleophilic, hydrophobic fibers. 6 organic, flame-retardant material is environmentally safe, with a specific weight of 0.20 g/cm³ sorption capacity of up to 15L.



rial Bio-Absorbent Cushion

3D polyester fabric covers and a waterproof base, filled with 1 kg of bio-absorbent fibers. Designed for land eaks from machinery, and engine maintenance, these pads effectively absorb and encapsulate up to 7 liters arbons, depending on density and viscosity.

roperties:
al Aspect: 40 x 40 cm cloth pads
c weight: 1kg
leutral)
oint: 280 – 290 °C Flammability (wet) Non-flammable
:al resistance: oils, greases, hydrocarbons, solvents, Cl2Ca, salt.
re: 5%
ntent: 4% Box of 12 units

: Dispose of used pads in incineration ovens as per environmental guidelines.

and Storage: Standard size: 40 x 40 cm pads, approx. 1 kg each; custom sizes are pon request.



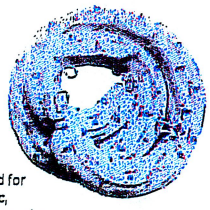
SEA PRODUCTS

arrier

er sleeves filled with denatured, stabilized, and inert bio-absorbent fibers, designed for oil spill nt on water. Equipped with carabiners and double ropes for linking multiple barriers, they provide ntainment and mechanical strength in water. Tested in high seas, rivers, and underwater platforms, ers can absorb several times their weight, remaining buoyant until collected, and forming extensive nt surfaces.

operties:
l appearance: 15cm in diameter x 3m long.
weight: 3.5kg
y: 5%.
on ignition: 4% ash.
itter: 0.5%.
eutral)
nt: 280 – 290 °C

nd Storage: Each package includes one 3D polyester barrier, UV-protected for measuring 15cm in diameter by 3m in length, and filled with 3.5kg of organic, ydrophobic, flame-retardant bio-absorbent fibers. Each barrier has an absorption up to 27L of hydrocarbons and features double ropes (internal and external) with 7 carabiners for enhanced mechanical resistance to water currents.



Bio-Absorbent Blanket

kets made of 1m x 2m 3D polyester fabric, filled with 9 kg of bio-absorbent fibers, designed to cover large s on seas, rivers, and other water bodies. Each blanket can absorb up to 63 liters of hydrocarbons.

perties:
blanket filled with 9kg of bio-absorbent
utral)
t: 280 – 290 °C Flammability (wet) Not flammable
resistance: Oils, fats, hydrocarbons, solvents, Cl2Ca, salt.
: 5%
ent: 4%
30 units.

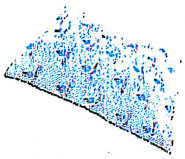
d Storage: Each blanket is crafted with UV-protected 3D polyester for outdoor durability, measuring filled with 9kg of 100% organic, oleophilic, hydrophobic, flame-retardant bio-absorbent fibers. Absorbs ates up to 63L of hydrocarbons per blanket. We recommend shielding by local environmental agencies



Floating Bio-Absorbent Cushion

Floating cushion made of 40cm x 40cm UV-protected 3D polyester fabric, filled with 1kg of bio-absorbent fibers, ideal for covering large areas in water-based spills on seas, rivers, and other bodies of water. Each cushion absorbs up to 7L of hydrocarbons.

Physical Properties:
- 40cm x 40cm cushion filled with 1kg of bio-absorbent
- PH 7 (Neutral)
- Flashpoint: 280 – 290 °C (non-flammable when wet)
- Chemical resistance: Oils, fats, hydrocarbons, solvents, Cl2Ca, salt.
- Humidity: 5%
- Ash content: 4%
- Pallets of 30 units



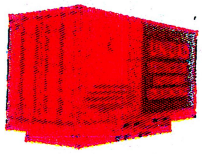
Packaging and Storage: Each cushion is made with 100% 3D polyester fabric with UV protection for extended outdoor use, filled with 1kg of organic, oleophilic, hydrophobic, and fire-retardant bio-absorbent fibers. Each cushion can absorb and encapsulate up to 7L of hydrocarbons. Disposal should follow local environmental regulations.

INDUSTRIAL SOLUTIONS

Marine Spill Control Unit

The MSCU, MARINE SPILL CONTROL UNIT , is a container with a set of equipment and materials to deal with a contingency derived from a medium or large-scale spill or as a preventive element in operational facilities.

Properties: In the MSCU, the amount of OilKontrol included has an absorption capacity of 3,000 to 6,000 gal. It can be adapted to the different needs of the client.



Applications: The MSCU is designed for rapid deployment to any location. Three specific units are available to address varied spill scenarios, equipped with the necessary elements for each case. While the standard design covers general needs, it can be customized based on company-specific risk analysis or site requirements. The unit includes OilKontrol bio-absorbents, utilizing bulk fiber that achieves absorption levels over 11 times the fiber's volume, thanks to its unique structure.

Spill Attention Module

Oil spill response module, 170L



Physical Properties:
- Physical Aspect Plastic Containers.
- Specific weight 18kg yellow container 5kg red container
- Flash Point 280 – 290 °C Flammability (wet)
- Non-flammable Chemical resistance oils, greases, hydrocarbons, solvents, Cl2Ca, salt.
- Humidity 5%
- Ash content 4 %

First Response Kit for Oil Spill Control

Capacity for 38 liters:

Composed of 1 absorbent confinement barrier made with 100% 3D polyester fabric, with UV protection to prolong its useful life outdoors, 10cm in diameter by 2.5m long, filled with 2.2kg of bio-absorbent fibers, 100% organic, oleophilic, hydrophobic, fireproof, harmless to the environment, with a specific weight of 0.20 g/cm3.

Absorption and encapsulation capacity of up to 7L of hydrocarbon per kg of fiber, 1 cushion composed of oleophilic fabrics filled with bio-absorbent material, 100% organic, oleophilic, hydrophobic, fireproof, harmless to the environment, with a specific weight of 0.20 g/cm3.

Capacity for 98 liters:



Composed of: 2 absorbent confinement barriers made with 100% 3D polyester fabric, with UV protection to prolong its useful life outdoors, 10cm in diameter by 2.5m long, filled with 2.2kg of bio-absorbent fibers, 100% organic, oleophilic, hydrophobic, fireproof, harmless to the environment, with a specific weight of 0.20 g/cm3.

Absorption and encapsulation capacity of up to 7L of hydrocarbon per kg of fiber, 2 cushions composed of oleophilic fabrics filled with bio-absorbent material, 100% organic, oleophilic, hydrophobic, fireproof, harmless to the environment, with a specific gravity of 0.20 g/cm3.

Contact Information

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NGES
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OPW
OPW
634-TT-4"-EVR
PAT. NO. 3,...,549 AND/OR ...,612,...

Fanny Marino
President / CEO
OilKontrol Florida

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Solid Waste Management: Challenges and Next Steps

North Bay Village – Heart of the Bay

May 2025

Agenda for Discussion

- Introduction and Background
- Problems with the Current System
- Proposed Solutions
- Implementation Timeline
- Community Engagement Plan
- Next Steps After Community Feedback

Introduction and Background

Current Waste Collection Service







North Bay Village Solid Waste Management Services

Currently, NBV owns and operates two garbage trucks and employs staff to handle waste collection services across the Village.

Our two trucks break down regularly and have cost the Village $XXX in the last two years. As a result, we are currently leasing (1 or 2?) trucks to sustain our regular garbage pick-ups. Until recently, the sanitation staff worked out of the NBV Public Works Facility on Galleon Street.

That building was demolished in September 2024 to make way for the new NBV Community Center Project. The two garbage trucks are still stored there but will be removed shortly to make way for our new Community Center.

There is no other public land in the Village or nearby to house our Public Works Department or our trucks and other required equipment. Our Public Works Department currently operates out of trailers in the parking lot at the Grove by the Bay building, which is private property that Sunbeam allows us to use at no cost. The Village is currently hunting for warehouse space to house our Public Works equipment, but storing garbage trucks is infeasible due to zoning prohibitions.

The Need for Transitioning Waste Collection Services

Why Privatize Solid Waste?

Switching to a private waste collection provider is essential for several reasons:

1. The site of the future NBV Community Center will soon be developed, leaving no space for our garbage trucks to be stored.

2. Additionally, there are no suitable locations available for purchase or lease due to County zoning restrictions on this type of use. Village Staff has explored all options.

3. The garbage trucks are also located in a residential area, which is not ideal.

4. The decision made by the Commission several years ago to build a Community Center was made based on a long-term vision for public amenities, community programming, and the need for a central gathering space to foster a a more dynamic, thriving NBV.

5. High costs to maintain NBV-owned services.







High Cost

The maintenance costs for our garbage trucks have been significant, straining the Village's budget. From October 2022 to today, the Village has spent approximately $258,091.12 on regular maintenance for the two trucks.

In total, our current waste collection expenses amounted to $387,568.38 in Fiscal Year 2024, and so far for Fiscal Year 2025 we have paid $209,137.42.

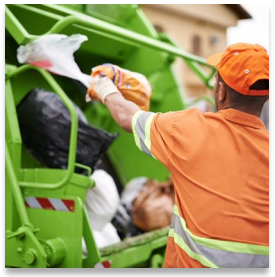








Benefits of a Private Waste Hauler



Enhanced Service Quality

Private waste handling can lead to improved service quality through better management practices.



Freeing Up Valuable Land for Community Spaces

No garbage trucks will be stored in Treasure Island's residential neighborhood, freeing up valuable land for public spaces.



Ensuring Job Security for North Bay Village Employees

All North Bay Village waste collection employees will be offered positions within the Village to ensure job security.



Cost Savings for Our Community

By outsourcing waste collection, we can save money and allocate resources to other vital services, such as recycling.

Proposed Changes

Option 1: Leverage Coral Gables Waste Collection Contract

Currently, Coral Gables has a waste collection contract with Waste Management Inc. of Florida. North Bay Village could use their contract as a template to establish our own agreement with the vendor.

This service includes backyard trash pickup, a service our residents currently enjoy. The waste will be picked up, brought to the front for disposal, and then the empty bins will be returned to the resident's yard.

This approach is cost-effective, maintaining expenses at a level comparable to current costs.

Additionally, the agreement will include recycling services through the vendor. Clear labeling on recycling bins and public education will reduce recycling contamination and NBV will be on its way to setting the bar for local recycling.

Option 2: Solicitation of Proposals for Contractual Services

The solicitation of proposals for contractual services involves requesting and evaluating proposals from various private waste collection companies. This competitive process allows the municipality to compare different service providers, assess their offerings, and select the one that best meets the community's needs in terms of cost, service quality, and specialized services.

Cost Reduction Engaging multiple bidders can lead to more effective cost management and potentially better service options.

Specialized Services Private waste collectors can offer specialized services tailored to the unique needs of our community, such as recycling and hazardous waste disposal.

Innovative Waste Diversion Strategies Private companies often implement innovative waste diversion strategies to reduce landfill waste and promote recycling.

Implementation Timeline

Step 1: Discussion SRTF Meeting - May 2025

The Sustainability and Resiliency Task Force (SRTF) will discuss at their May 2025 meeting whether they recommend to go out to bid or leverage the existing Coral Gables contract for changing the waste collection services at North Bay Village. The SRTF will provide their input on which option to pursue, and North Bay Village staff will gather their recommendations to present to the Commission.

Additionally, the SRTF will discuss how best practices for environmental sustainability can be incorporated into the contract.

Step 2: Community Engagement - June 2025

Community Engagement Plan
The Village will host three town hall meetings to discuss this topic. One will be in person and two will be virtual. The virtual meetings will be recorded and posted on the Village's website. Communications staff will also prepare a messaging campaign for the Village's social media channels as well as a one-page FAQ document. The Mayor recommends advertising this public engagement campaign through a physical, paper advertisement inserted into resident water bills.

During the town hall meetings, we will cover the following topics:

- Our current waste collection services
- The reasons for the proposed changes
- The two options available for the new waste management contract

Encouraging Open Dialogue
The goal of these meetings is to foster an environment for open dialogue and feedback from community members. We aim to ensure that the proposed changes align with the needs of our residents and address any questions they may have.

Resident Involvement
Encouraging residents to voice their opinions is essential for a successful transition and acceptance of the proposed changes. We will maintain an open line of communication at the Village to facilitate ongoing engagement and feedback from the community.



Step 3: Discussion at the Regular Commission Meeting - July/September 2025

During the July or August 2025 Commission meeting, the proposed changes to waste collection services will be a key discussion item. The Commission will deliberate on whether to go out to bid or leverage the existing Coral Gables contract for North Bay Village.

The input and recommendations from the Sustainability and Resiliency Task Force (SRTF) and residents will be considered to make an informed decision. The Commission's decision will guide the next steps in the implementation process.