

ATTACHMENT 3: BID FORMS

Tel: (951) 956-2120



GRIT.INTEGRITY.EXPERTISE.FAMILY.



DOWNSTREAMSERVICES.COM

Prepared by:
Downstream Services, Inc.
2855 Progress Place
Escondido, CA 92029





City of Perris Attn: Jessica Galloway 1015 S. G Street Perris, CA 92570 Ph: (951) 657-3280



Subject: Specification No. FCD1- 2023-24-01 Storm Drain System Maintenance, Inspection, and Related Services

Downstream Services, Inc. is pleased to submit our bid for the above referenced project. We are a California certified small business enterprise (30938) and are fully committed to providing personnel, "state-of-the-art" equipment, and all resources necessary to successfully complete this project within budget and time constraints. Downstream Services, Inc. will perform the work in accordance with the Highest Industry Standards while remaining in compliance with all Federal, State and the City's regulations and ordinances.



Downstream Services, Inc. has read and will comply with all terms and conditions of the bid documents and include all project-specific references requested. We hereby acknowledge receipt of Addendum A of the bid.

The only persons, companies, and/or parties interested in this bid submittal as Shareholders of the Corporation and authorized to sign the proposal and/or negotiate for Downstream Services, Inc. are as follows:



Wilma G. Roberts – President (760) 746-2544 | (760) 497-4850 WilmaR@downstreamservices.com Victor N. Roberts – Vice President (760) 746-2544 | (619) 520-5167 VictorR@downstreamservices.com

Loren V. Roberts – VP of Sales & Marketing (760) 746-2544 | (760) 814-9648 LorenR@downstreamservices.com Clark A. Roberts – VP of Operations (760) 746-2544 | (760) 692-2894 ClarkR@downstreamservices.com

The bid will remain valid for a period of up to 45 days from August 2, 2023. Downstream Services, Inc. looks forward to working for The City of Perris. Please feel free to contact any of the above with any questions or concerns.

Sincerely,



Wilma G. Roberts – *President* Downstream Services, Inc.

2855 Progress Place, Escondido, CA 92029 Phone: (760) 746-2544 | (800) 262-0999

Fax: (760) 746-2667

www.downstreamservices.com



CORPORATE RESOLUTION OF DOWNSTREAM SERVICES, INC.

We, the undersigned, being all the Directors and Shareholders of Downstream Services, Inc., organized and existing under the laws of California, and having its principal place of business at 2855 Progress Place, Escondido, California 92029 (the "Corporation"), hereby certify that the following is a true and correct copy of a resolution duly adopted at a meeting of the Directors and Shareholders of the Corporation duly held and convened on January 07, 2022, at which a quorum of the Board of Directors was present and voting throughout, and that such resolution has not been modified, rescinded or revoked, and is at present in full force and effect:

Therefore, it is resolved:

To appoint Wilma Roberts, President and Secretary as authorized signatory to the Corporation.

To appoint Victor Roberts, Vice President as additional signatory to the Corporation.

To authorize Director and Officer Loren Roberts, Vice President of Sales & Marketing as additional signatory to approve bids, contracts, and surety bonds.

To authorize Officer Clark Roberts, Vice President of Operations as additional signatory to approve bids, contracts, and surety bonds.

By affirmative votes noted as signatures below, a majority vote of the Members of Downstream Services, Inc. with authority to bind the Company approves the form and content of this resolution, to be effective immediately.

DIRECTORS	
Willel	1/7/2022
Wilma Roberts, President	Date
Lord.	1/7/2022
Victor Roberts, Vice President	Date
SHAREHOLDERS	
agree -	1/7/2022
Wilms Debasts Donalders	
Wilma Roberts, President	Date
The Colorest	1/7/2022
Victor Roberts, Vice President	Date
	Page 1



CORPORATE RESOLUTION OF DOWNSTREAM SERVICES, INC.



[CORPORATE SEAL]

CERTIFICATE OF SECRETARY

The Secretary of the Corporation hereby certifies that he/she is the duly elected and qualified Secretary of Downstream Services, Inc. and certifies that the above is a true and correct record of the resolution that was duly adopted by the Directors and Shareholders of the Corporation on January 07, 2022.

Wilma Roberts, Secretary



Company Name and Address

Downstream Services, Inc. 2855 Progress Place Escondido, CA 92029

Toll Free: (800) 262-0999 Phone: (760) 476-2544 Fax: (760) 746-2667

Legal Status & Tax Identification Number

S Corporation FEIN: 80-0011534 DIR: 1000004632

License: 807953 A, C31 HAZ

SBE #: 30938

Primary Contact for RFQ

Robert Carr, Project Manager Direct Line: (760) 814-9703 Cell Phone: (760) 975-5686

Email: Robertc@downstreamservices.com

Company Introduction / Executive Summary

Downstream Services, Inc. [DSI] is a certified small business enterprise, incorporated in 2002, and is recognized for its dynamic approach and professionalism within the environmental industry. We specialize in the assessment, maintenance, and rehabilitation of stormwater, wastewater, and underground utility systems. Currently, Downstream Services retains 77 employees between our two locations, which include our Corporate Office located in Escondido, CA and our satellite office located in Ventura, CA. Some of the services we provide include pipeline cleaning/hydro-jetting, CCTV inspection for condition assessment per the national standard (NASSCO PACP), pipeline rehabilitation, storm water compliance, pump station maintenance and instrumentation, and the underground installation of wet utilities.

Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen to and understand our customers, we ensure the



best possible outcome for every project, regardless of its size or complexity. We are the defenders of our water resources, and the life it supports.

DSI strives to ensure the sustainability of our waterways for future generations by addressing pollution prevention, establishing Preventative Maintenance Programs (PMP), Treatment Control Programs (TCP), and providing ongoing education to our staff and clients. In accordance with the Clean Water Act (CWA) and National Pollutant Discharge Elimination System Permit Program (NPDES), we have established a dedicated Stormwater division to assist clients with compliance of Federal, State, and local regulations. Scheduled inspection and maintenance of stormwater conveyance systems is not only a requirement but is also important to effectively sustain our water resources.

DSI is a turnkey environmental firm. We perform inspections, maintenance, and repairs for a variety of systems without the need of subcontractors. Due to our ability to complete these various scopes without subs, our communication from the field to the Client is streamlined. Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen and understand our customers, we ensure the best possible outcome on every project, regardless of its size or complexity. We are the defenders of our water resources, and the life it supports.

Company Profile

DSI has continuously provided critical solutions in environmental compliance for over 20 years through working with private owners, county/city agencies and state or federal facilities. Our team of technicians and operators are skilled cleaning and maintenance professionals who excel in expeditions situations while ensuring%environmental compliance is being followed and proper reporting is being conducted. Downstream Services also staffs specialized underground repair specialists who can tackle a number of steel, concrete, or cured in place structure repairs.

DSI also has an equally experienced office staff comprised of professionals who are equipped to manage difficult and multifaceted jobs. These individuals can provide the engineering and technical support necessary to ensure the field staff can successfully perform all work on time and on budget.

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BID DOCUMENTS CHECKLIST

Please insure that you have completed the following documents and have submitted originals with your proposal, as only responsive bids will be considered.

[] Part I Procedural Documents - Bid pages BF-1 to BF-25 Bid pages BF-1 to BF-7 $[\!\![\wedge \!\!]]$ -Bid Schedule of Values -Equal Employment Opportunity Certification -Non-Collusion Affidavit -Debarment and Suspension Certification -Non-Lobbying Certification -Addenda and Signature Page Bid Bond pages BF-8A to BF-8C Designation of Sub-Contractors page BF-9 Listing of Manufacturers page BF-10 Anti-Trust Claim page BF-11 Contractor's certification concerning worker's compensation insurance page BF-12 Certification of non-discrimination page BF-13 Experience Statement BF-14 Public Works Contractor Registration Documentation BF-15 Testing Requirements BF-16

Hazardous Materials Testing/Manifest Requirements BF-17 to BF-25

Addendum A Date: 7/27/2023

NOTICE TO ALL BIDDERS

Completion and submittal of all enclosed forms including, but not limited to sheets BF-9 & BF-10 is required and must be included with original bid. Failure to submit the required documents shall be deemed as an incomplete bid and shall not be considered by City as a valid bid.

BID FORM

Bid Date: August 2, 2023 July 28, 2023

Time: 5:00 p.m. (PST)

Place: 101 North "D" Street, Perris, CA - Online through Active Bidder

Project: Storm Drain System Maintenance, Inspection, and Related Services (Spec. No. #FCD1-

2023-24-01)

TO THE CITY OF PERRIS, hereinafter called the Agency, the undersigned, as Bidder, declares that he has carefully examined the location of the project, that he has examined the plans and specifications and addenda (if any), and has read the Information for Bidders, and hereby proposes and agrees, if this bid is accepted, to furnish all materials to do all work required to complete the said plans and specifications in the time and manner herein prescribed for the Bid Price set forth in the Schedule of Bid Items.

Proposal of Downstream Ser	vices, Inc.	, hereinafter called	l "Bidder",	organized and	existing
under the laws of the State of	California	,	doing	business	as
an S Corporation.	Insert "a corporation",	"a partnership", "	a joint vent	ure", or "an indi	vidual",
as applicable.					

No separate payment will be made for any item that is not specifically set forth in the Schedule of Bid Items. All costs, therefore, shall be included in the prices named in the Schedule of Bid Items for the various appurtenant items of work. In case of discrepancy between words and figures, words shall prevail.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies, as to his own organization that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor. Since time is of the essence, Bidder hereby agrees to commence work under this Contract on September 11, 2023, and to fully complete all work on or before the time periods specified in the Contract Documents after receiving the Notice to Proceed. The Bidder agrees that failure to complete work within the time allowed will result in damages being sustained by the City. Bidder and City agree that failure to complete the project will result in inconvenience to the citizens of PERRIS. The parties also agree that failure to complete the project on time will prevent the City from having use of the affected facilities. Therefore, the parties agree such damages among others are, and will continue to be, impracticable and extremely difficult to determine, but that \$500 a calendar day is the minimum value of such costs to the City and is a reasonable amount that the Bidder agrees to reimburse the City for each calendar day of delay in finishing the work in excess of the time specified for completion, plus any authorized time extensions. Execution of the contract under these specifications shall constitute agreement by the Bidder and the City that the above indicated liquidated damage amount per calendar day is the minimum value of the costs and actual damage caused by failure of the Bidder to complete the work within the allotted time, that such sum is liquidated damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Bidder if such delay occurs. Said amount may be reduced by the City if work is sufficiently completed within the allotted time so that the damages are minimized. The undersigned, as Bidder proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the following prices, to wit:

STORM DRAIN SYSTEM MAINTENANCE, INSPECTIONS AND RELATED SERVICES (SPEC.#FCD 1-2023-24-01)

Schedule of Bid Items

Bidder (Company Name): Downstream Services, Inc.

The bid prices stated below shall include all cost for profit, overhead, material, labor, transportation, taxes, installation work and all other incidental cost and work that are necessary to complete all items as specified on the project plans and delineated in the project specifications ready for use by the City. "Unit Price" will be calculated to include the number of cleanings required per year. Costs may escalate annually after the second year during the extension periods based on the "Common Labor, Construction Cost Index", as published by Engineering News-Record (ENR), in subsequent years, Consumer Price Index (CPI) or 3% whichever is lower, for the two 1-year extension periods.

Note: *Unit Price to be the total yearly amount as noted in the "Item Description" (either once, twice, or three times).

BASE BID SCHEDULE

(A)
BID ESTIMATED
ITEM QUANTITY

NO.

AND UNIT

(B)

ITEM DESCRIPTION

(C)

UNIT PRICE (Figures) Yearly Price (Figures)

(AxC)

1) Bid Schedule - North

A. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Item #

Bid

Unit

Item Description

Unit Price*

Total Cost

1. **340 339**

Remove and dispose of

\$ 224.00

/E.A.

\$76,160.00

EA

debris from catch basins and

Inlets, per plans and

specifications (2 times per

year)

2. **340 339**

Inspect, photo document,

\$ 2.00

/E.A. 5

\$ 680.00

EΑ

and log conditions before and after cleaning of catch basins and Inlets, per plans and

BF-2A

year) \$ 502.00 Remove and dispose of /E.A. \$ 121,484.00 3. 242 EA debris from catch basins with CPS Units, per plans and specifications (3 times per year) \$ 3.00 \$ 726.00 4. 242 EA Inspect, photo document, /E.A. and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year) Remove and dispose of \$ 390.00 \$ 390.00 5. 1 EA /E.A. debris from catch basins with REM Units, per plans and specifications (3 times per year) \$ 3.00 \$ 3.00 6. 1 EA Inspect, photo document, /E.A. and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year) \$ 5.00 \$ 2,705.00 7. 541 EA Provide and install painted /E.A. stencil message, per plans and specifications (annually) Remove and dispose of debris \$<u>316.00</u> /L.F. \$<u>45,504.00</u> 8. 144 LF from under sidewalk drain, per plans and specifications (2 times per year) /E.A. \$ 16.00 Inspect, photo document, and \$2.00 9. 8 EA log conditions before and after cleaning of under sidewalk drain, per plans and

specifications (2 times per

		year)		
10.	83,865 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under, per plans and specification (once-every two years)	\$ <u>1.33</u> /L.F.	\$ <u>111,540.45</u>
11.	27,112 27,356 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once-every two years)	\$_2.77/L.F.	\$_75,100.24
12.	110,977 111,221 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once- every two years)	\$ <u>1.35</u> /L.F.	\$_149,818.95
13.	12,980 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once- every two years)	\$ <u>2.77</u> /L.F.	\$ <u>35,954.60</u>
14.	12,980 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$_0.96/L.F.	\$12,460.80
15.	12 EA	Remove and dispose of debris from Hydrodynamic Separator, CDS Model PSW 30-30 (CDS3030) per plans	\$ <u>3,383.00</u> /E.A.	\$_40,596.00

specifications (2 times per

BF-2C

and specifications (annually once-every two years)

16.	12 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic separators, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually oncevery two years)	\$ <u>1.00</u> /E.A.	<u>\$ 12.00</u>
17.	4 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 5000 (VX5000) per plans and specifications (annually once-every two years)	\$ <u>4,826.00</u> /E.A.	\$ 19,304.00
18.	4 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separators, Model Vortech 5000 (VX5000) per plans and specifications (annually once-every two years)	\$ <u>1.00</u> /E.A.	\$_4.00
19.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually once-every two years)	\$ <u>3,147.00</u> /E.A.	\$_3,147.00
20.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and	\$ <u>1.00</u> /E.A.	\$_1.00

BF-2D

specifications (annually o	nce-
every two years)	

21.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually once-every two years)	\$ <u>6,087.00</u> /E.A.	\$12,174.00
22.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually encevery two years)	\$ <u>1.00</u> /E.A.	\$_2.00
23.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually ence-every two years)	\$ <u>2,561.00</u> /E.A.	\$_2,561.00
24.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually once-every two years)	\$_1.00 /E.A.	\$_1.00
25.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once-every two years) BF-	\$ <u>9,052.00</u> /E.A.	\$_27,156.00

Addendum A Date: 7/27/2023

26.	3 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once-every two years)	\$	\$_3.00
27.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually once-every two-years)	\$ <u>5,457.00</u> /E.A.	\$ <u>5,457.00</u>
28.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually encevery two years)	\$ <u>1.00</u> /E.A.	\$_1.00
29.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$_7,179.00 <i>J</i> E.A.	\$ <u>7,179.00</u>
30.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$_1.00 /E.A.	\$_1.00
31.	1 LS	Jetter/Vacuum Truck – Emergency Work (100 Hrs.)	\$/ L.S.	\$

B. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

BiBid leltem #	Unit	Item Description	Unit Price*	Total Cost
331. 32.	340 339 -EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>231.00</u> /E.A.	\$_78,540.00
32. 33.	340 339 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$_2.00 /E.A.	\$ <u>680.00</u>
33. 34.	242 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>517.00</u> /E.A.	\$_125,114.00
34. 35.	242 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$_726.00
35. 36.	1 EA	Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$_402.00 /E.A.	\$ <u>402.00</u>
–36. 37.	1 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$_3.00
37. 38.	541 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>5.00</u> /E.A.	\$_2,705.00

BF-2G

—38. ?	39. 144 LF	Remove and dispose of debris \$ 326.00 /L.F. \$ 46,944.00 from under sidewalk drain, per plans and specifications (2 times per year)	_
—39. <i>4</i>	40. 144 LF	Inspect, photo document, and \$\(\frac{2.00}{L.F.} \) \$\(\frac{288.00}{L.F.} \) log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	_
40.	12 EA	Remove and dispose of debris \$ 3,485.00 /E.A. \$ 41,820.00 from Hydrodynamic Separator, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually)	
41.	12 EA	Inspect, photo document, and \$ 1.00 /E.A. \$ 12.00 log conditions before and after cleaning of Hydrodynamic separators, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually)	
42.	4 EA	Remove and dispose of debris \$_4,971.00 /E.A. \$_19,884.00 from Hydrodynamic Separator, Model Vortech 5000 (VX5000) per plans and specifications (annually)	
43.	4 EA	Inspect, photo document, and \$\frac{1.00}{\text{L.A.}}\$\frac{4.00}{\text{L.A.}}\$ log conditions before and after cleaning of Hydrodynamic Separators, Model Vortech 5000 (VX5000) per plans and specifications (annually)	
44.	1 EA	Remove and dispose of debris \$_3,241.00 /E.A. \$_3,241.00 from Hydrodynamic	

BF-2H

specifications (annually) **\$** 1.00 Inspect, photo document, and \$ 1.00 /E.A. 4 45. 1 EA log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually) 12,540.00 Remove and dispose of debris $\frac{6,270.00}{\text{E.A.}}$ 46. 2 EA from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually) \$ 2.00 Inspect, photo document, and \$ 1.00 /E.A. 47. 2 EA log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually) Remove and dispose of debris $\frac{2,637.00}{\text{E.A.}}$ \$ 2,637.00 48. 1 EA from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually) Inspect, photo document, and \$_1.00 _/E.A. \$ 1.00 49. 1 EA log conditions before and after cleaning of Hydrodynamic Separator, **Model CDS Unit PMSU 20-25** (CDS2025) per plans and

Separator, Model Vortech 3000 (VX3000) per plans and

specifications (annually)

50.	3 EA	Remove and dispose of debris \$ 9,324.00 /E.A. \$ 27,972.00 from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)
51.	3 EA	Inspect, photo document and \$ 1.00 /E.A. \$ 3.00 log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)
52.	1 EA	Remove and dispose of debris \$ 5,621.00 /E.A. \$ 5,621.00 from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)
53.	1 EA	Inspect, photo document and \$\frac{1.00}{\text{L.A.}}\$/E.A. \$\frac{1.00}{\text{L.A.}}\$ log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)
54. 9.	1 EA	Remove and dispose of debris \$_7,394.00
55.	1 EA	Inspect, photo document and \$\frac{1.00}{/E.A.}\$ \(\frac{1.00}{} \) log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)
- 41. 32	1 LS	Jetter/Vacuum Truck - \$/L.S. \$(in Figures) Emergency Work (100 Hrs.)

One Million, One Hundred Twenty Six Thousand, Six Hundred Seventy Eight Dollars and four Cents.

North ((Bid Items #1-

Subtotal

	\$1,126,678.04
(In Words)	====X

(In Figures)

55 41)

2) Bid Schedule - SOUTH

C. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Bid Item #	Unit	Item Description	Unit Price*	Total Cost
56. 42.	523 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$	\$
57. 4 3.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins, per plans and specifications (2 times per year)	\$	\$1,046.00
58. 44 .	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$502.00_/E.A.	\$_59,738.00
59. 4 5.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>357.00</u>
60. 4 6.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	\$ 260.00 /E.A.	\$

61. 4 7.	3 EA	Inspect, photo document, and	\$	\$ 6.00
		log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)		
62. 4 8.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>238.00</u> /E.A.	\$_1,904.00
63. 4 9.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>16.00</u>
64. 50.	599 EA	Provide and install painted stencil message per plans and specifications (annually)	\$ 5.00 /E.A.	\$2,995.00
65. 51.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>316.00</u> /L.F.	\$_98,592.00
66. 52.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$_2.00/E.A.	\$ 28.00
67.	3 EA	Remove and dispose of debris strom Hydrodynamic Separator, model ADS Unit #36 (3640WQA) per plans and specifications (annually)	6,706.00 /E.A.	\$ <u>20,118.00</u>

68.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 (3640WQA) per plans and specifications (annually)	\$ 1.00 /E.A.	\$_3.00
69.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually)	\$_8,580.00_/E.A.	\$
70.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually)	\$ 1.00 /E.A.	\$ <u>1.00</u>
71.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)	\$3,866.00_/E.A.	\$
72.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)	\$_1.00/E.A.	\$ 2.00
73.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)	\$_4,826.00_/E.A.	\$ <u>4,826.00</u>
74.	1 EA	Inspect, photo document and log condition before and after BF-2N		\$

cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)

75 .	1 EA	Remove and dispose of debris	\$_6,087.00 /E.A.	\$_6087.00
		from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)		
76.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ 1.00 /E.A.	\$ <u>1.00</u>
77.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$4,747.00_/E.A.	\$ <u>4,747.00</u>
78.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually)	\$	\$
79.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans specifications (annually)	\$_7,179.00_/E.A.	\$_7,179.00
80.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech	\$1.00/E.A.	\$

11	000	(VX110	00) p	er p	lans	
an	d sp	ecificat	ions (ann	ually	١

81.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans specifications (annually)	\$5,693.00 /E.A.	\$_5,693.00
82.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually)	\$ 1.00 /E.A.	<u>\$ 1.00</u>
83.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$	\$
84.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$	\$
85.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually)	\$9,052.00/E.A.	\$ 9,052.00
86.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, BF-20		\$

Addendum A Date: 7/27/2023 Model Vortech Unit 16000 (VX16000) per plans and specifications (annually)

87.	1 EA	Remove and dispose of debris	\$_10,361.00 /E.A.	\$10,361.00
		from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)		
88.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$_1.00 /E.A.	\$
89.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$_14,530.00_/E.A.	\$_14,530.00
90.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$	<u>\$_1.00</u>
91.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually)	\$_1,934.00 /E.A.	\$ 3,868.00
92.	2 EA	Inspect, photo document and log conditions before and	\$/E.A.	<u>\$</u>

BF-2P

after cleaning of Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and Specifications (annually)

53. 1 LS Jetter/Vacuum Truck – Emergency Work (100 Hrs.) \$_____/L.S. \$______

D. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

93. 54.	523 EA	Remove and dispose of debris	\$ 231.00 /E.A.	\$ 120,813.00
J3. J-1.	<i>323</i> E/1	from catch basins and Inlets, per plans and specifications (2 times per year)		
94. 55.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$	\$
95. 56.	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$517.00/E.A.	\$61,523.00
96. 57.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$\$
97. 58.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and	\$	\$

BF-2Q

98. 59.	3 EA	specifications (2 times per year) Inspect, photo document, and	\$2.00	/E.A.	\$_	6.00
		log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	-			
99. 60.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$245	.00 /E.A.	\$_	1,960.00
100. 61.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$2.00	/E.A.	\$	16.00
101. 62.	599 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$5.00	/E.A.	\$_	2,995.00
102. 63.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$325.0	0 /L.F.	\$_	101,400.00
103. 64.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u>	/E.A.	\$_	28.00
104. 65.	101,902 101,906 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under, BF-2F		/L.F.	\$_	139,605.74

Addendum A Date: 7/27/2023

		(once-every two years)		
105. 66.	18,739 18,736 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once- every two years)	\$/L.F.	\$53,406.15
106. 67.	120,641 120,645 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once-every two years)	\$/L.F.	\$_167,690.99
107. 68.	10,560 10,834 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$	
108. 69.	10,560 10,834 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>0.99</u> /L.F.	\$
109. 70.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 #30 (3640WQA) per plans and specifications (annually once-every two years)	\$_6,907.00_/E.A.	\$20,721.00
110. 71.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 #30 (3640WQA) per plans BF-25	\$	\$ <u>3.00</u>

per plans and specification

and specifications (annually once-every two years)

111. 72.	1 EA	Remove and dispose of debris	\$_8,837.00_/E.A.	\$8,837.00
		from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually ence- every two years)		
112. 73.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually encevery two years)	\$	\$
113. 74.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually oncevery two years)	\$_3,982.00 /E.A.	\$
114. 75.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once-every two years)	\$	\$
115. 76.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually once- every two years)	\$ <u>4,971.00</u> /E.A.	\$4,971.00

116. 77.	1 EA	Inspect, photo document and	\$/E.A.	\$1.00
		log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually encevery two years)		
117.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$_6,270.00 /E.A.	\$
118.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$	\$
119. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$4,890.00 /E.A.	\$_4,890.00
120. 79.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually encevery two years)	\$ <u>1.00</u> /E.A.	\$
121. 80.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$ <u>7,394.00</u> /E.A.	\$_7,394.00

122. 81.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually	\$	\$
123. 82.	1 EA	once-every two years) Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually once-every two years)	\$5,864.00_/E.A.	\$5,864.00
124. 83.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually encevery two years)	\$ <u>1.00</u> /E.A.	\$1.00
125. 84.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually once- every two years)	\$5,621.00/E.A.	\$
126. 85.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually oncevery two years)	\$ <u>1.00</u> /E.A.	\$
127. 86.	1 EA	Remove and dispose of debris from Hydrodynamic	\$9,324.00_/E.A.	\$9,324.00

Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually once-every two years)

s 1.00 Inspect, photo document, and \$\frac{1.00}{}/E.A. **128. 87.** 1 EA log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually onceevery two years) Remove and dispose of debris \$_10,667.00 /E.A. 10,667.00 **129.88.** 1 EA from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually onceevery two years) 1.00 \$ 1.00 /E.A. 130.89. 1 EA Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually onceevery two years) Remove and dispose of debris \$ 14,960.00 /E.A. \$ 14,960.00 131. 90. 1 EA from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-**10X8** per Specifications (annually once-every two vears)

BF-2W

132. 91.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-10X8 per plans and specifications (annually ence-every two years)	\$_1.00	_/E.A.	\$_1.00		
133. 92.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually oncevery two years)	\$ 1,992.00	_/E.A.	\$_3,984.00		
134. 93.	2 EA	Inspect, photo document and log conditions before and after cleaning of Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually oncevery two years)	\$ 1.00	_/E.A.	\$ <u>2.00</u>		
94.	1 LS	Jetter/Vacuum Truck – Emergency Work (100 Hrs.)	\$	/L.S.	\$		
SOI Items	ubtotal JTH (Bid s # 56-134 1 2-94)	One Million, Two Hundred Five TI Hudred Twenty-Six Dollars and Tv Cents (In Words)			\$1,205,626.28 (In Figures)		
GRAND TOTAL BID AMOUNT FOR: STORM DRAIN SYSTEM MAINTENANCE, INSPECTIONS AND RELATED SERVICES (SPEC.#FCD 1-2023-24-01)							

BF-2X

GRAND TOTAL ALL BID SCHEDULES #1-#2 ITEMS (1 through **134** \$2,332,304.32

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	\$2,332,304.32								
	(In Figures)								
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GRAND TOTAL ALL BID SCHEDULES #1-#2 ITEMS (1 through 134 94)

(In Words)

\$

Two Million, Three Hundred Thirty-Two Thousand, Three Hundred Four Dollars and Thirty-Two Cents
(In Words, Cont'd)

(In Figures, Cont'd)

Please note the following regarding bids:

- At the sole and absolute discretion of the Agency City, Award if made, will be made to one (1) lowest and responsible bidder based upon lowest total of all bid items within Base Bid shown on the North and South Maintenance Area Map, and Additive Alternative Supplemental Bid Schedules #1-#2 (Items #1-#134 94), combined; or will be made to two (2) separate lowest and responsible bidders, based upon the lowest total of all bid items shown on the North Maintenance Area Map Bid Schedule #1 (Items #1-#55 41), combined; and the lowest total of all bid items shown on the South Maintenance Area Map Bid Schedule #2 (Items #56-#134 #42-#94), combined. The Agency shall have the sole and absolute discretion to determine the best combination of individual awards that shall serve the Agency's best interest. It shall be at the City's sole discretion to determine the sequencing of the award of the geographic areas to either one or two individual bidders, which shall serve the City's best interest.
- B. The Grand Total Bid Amount stated above shall include all work and cost for work as specified on the project plans and delineated in the project specifications, whether specifically listed above or not, and all other incidental and appurtenant work that is necessary to complete the specific items of work including Bidder's overhead and mark- up, purchase of materials, tools and equipment, taxes, and all other taxes and fees, transportation cost, permit fees, testing laboratory cost, and all other costs made necessary by the Contract Documents to provide the Agency City of Perris with a complete operational and facility meeting the approval of the Agency City of Perris and other agencies having jurisdiction over the project.
- **c.** Bid is for a project complete-in-place.
- **D.** Bid shall include all sales tax, and all other taxes and fees.
- E. The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he

will accept in full payment thereof the following prices as set forth in Bid Schedules.

- F. The quantities above are approximate only and are given for the purpose of comparison only, payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities shall require verification by **Agency City**, and a written change order will be required prior to payment. Upon receipt of the Notice of Award, Contractor shall submit to the City for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the **Agency City** to determine partial payments.
- G. If awarded this contract, the Bidder agrees to execute the Contract and submit the Labor and Materials Payment Bond, Contract Performance Bond, and Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract, Bond, and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Bidder's failure to execute a written agreement to perform the work at his Bid Price.
- **H.** The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the preceding prices as set forth in Bid Schedules.

Quantities above are for the purpose of comparison only and payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities, shall require verification by City, and a written change order will be required prior to payment. For quantities indicated as lump sum, Contractor shall be paid at the Contract per lump sum price indicated, and shall include full compensation for all work and no additional compensation will be allowed thereof. Where discrepancies occur between words and figures, the words shall govern. Upon receipt of the Notice of Award, Contractor shall submit to the Agency for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the Agency to determine partial payments.

If awarded this contract, the Bidder agrees to execute the Contract and submit the Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Contractor's failure to execute a written agreement to perform the work at his Bid Price.

The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The bidder <u>Downstream Services</u>, Inc., proposed subcontractor <u>N/A</u>, hereby certifies that he has <u>X</u>, has not ____, participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

NOTE: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41CFR 60-1.7(b)(1), and must be submitted by Bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in

41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt).

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract, subject to the Executive Orders, and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

Noncollusion Affidavit

(Title United States Code Section 112 and Public Contract Code Section 7106)

In accordance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the pubic body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid or true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay. any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

DEBARMENT AND SUSPENSION CERTIFICATION

(Title 49, Code of Federal Regulations, Part 29)

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, office manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- Has not been suspended, debarred, voluntary excluded or determined ineligible by any federal agency within the past 3 years;
- Does not have a proposed debarment pending; and
- Has not be indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any manner involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

N/A	
Exceptions will not necessarily result in denial of award, but will be considered in determining Bidder responsibility. For any exception noted above, indicate below twhom it applies, initiating agency, and dates of action.	0
N/A	

Note: Providing false information may result in criminal prosecution or administrative sanctions.

The above certification is part of the Proposal. Signing this proposal on the signature portion thereof shall also constitute signature of this Certification.

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NON LOBBYING CERTIFICATION FOR FEDERAL AID CONTRACTS

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, and U.S. Code. Any person who fails to file the required certifications shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

The prospective participant certifies, by signing and submitting this bid or proposal, agrees to indemnify City and hold it harmless against any liability arising from site investigation, testing or inspection.

Downstream Services, I Name (please print)	nc.		07/18/2023 Date of Inspection	- n
Bidder acknowledge	es receipt of the	e following A	.ddenda:	
			Dated 07/27/2023 Dated Dated Dated	
5	NAME OF BI	DDER: Down	nstream Services, Inc.	
	OF SIGNING FATURE OF BIL	DDER:	actor's California Lice	nse No.
Contact Information	:			
Company Name:	Downstream Se	ervices, Inc.		
Contact Person:	Loren Roberts			
Title:	VP of Sales & N	/larketing		
Company Address:	2844 Progress Escondido, CA			
Phone Number: Fax Number:	(760) 746-2544 (760) 716-2667			

BID BOND

DDECEMTO

THESE

MEN DV

				ITIESE	FRESEN	113,	ınaı	we,		undersigned
Downstre	eam Ser	vices, in	C.						as	Principal
and We	stern Su	irety Coi	mpany							is Surety, are
hereby h	neld and	firmly	bound i	unto the	CITY OF P	ERRIS	S as A	gency	in the	penal sum of
Ten Perc	ent (10%	6) of Bid	Amoun	t						
		-,0								
									for	the payment
	ors and	assign	-	•	•	•	•		ally bi	nd ourselves, least equal to
Signed,	this <u>31</u>	st	day	of	July			_, 202	23.	
	ncy a ce	ertain Bi	d, attac							s submitted to to enter into a

PROJECT: Storm Drain System Maintenance, Inspection and Related Services (Specification No. #FCD-1-2023-24-01)

NOW, THEREFORE,

KNOW ALL

- A. If said Bid shall be rejected, or
- B. If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish Bonds for his faithful performance of said Contract and for the payment of all persons performing labor or furnishing materials in connection therewith, the required Insurance Certificates, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligation of said Surety and its Bond shall be in no way impaired or affected by any extension of the time within which the Agency may accept such Bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Two Witnesses (If Individual):	PRINCIPAL:	Downstream Services, Inc.
ATTEST (If Corporation):	Title: Layer	
ATTEOT (II Corporation)		
By: Kebecca Wanne	Title: Pebecc	a Dennis, Witness
(Corporate Seal)	AL AL	SURETY: Western Surety Company
ATTEST: ACCEPTO	BATEQUE PORTER TO THE PROPERTY OF THE PARTY	ву:
Ву:	ACCOUNT OF THE PARTY OF THE PAR	
Title: Terry Guise, Witness		Title: Lawrence F. McMahon, Attorney-in-Fac
(Corporate Seal)		

IMPORTANT:

Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the Project is located.

THIS IS A REQUIRED FORM

Any claims under this bond may be addressed to: Western Surety Company (Name and Address of Surety) 2 Park Plaza, Suite 400 Irvine, CA 92614 Same as above (Name and Address of Agent or Representative for service of process in California, if different from above) Surety: (949) 399-4971 Agent: (619) 238-1828 (Telephone Number of Surety and Agent or Representative for service of process in California)

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

validity of that adoditions.		
State of California County of San Diego))
On August 1, 2023	before me,	Rebecca Dennis, Notary Public,
	- 1	(insert name and title of the officer)
personally appeared Loren Rob	erts	
subscribed to the within instrument his/her/their authorized capacity(ie	t and acknow s), and that b	evidence to be the person(s) whose name(s) is/are elegated to me that he/she/they executed the same in by his/her/their signature(s) on the instrument the elegated person(s) acted, executed the instrument.
I certify under PENALTY OF PER paragraph is true and correct.	JURY under t	the laws of the State of California that the foregoing
WITNESS my hand and official sea	al.	REBECCA DENNIS Commission No. 2381712 NOTARY PUBLIC - CALIFORNIA SAN DIEGO COUNTY SAN DIEGO COUNTY
Signature Rebecca &	Senni	Commission Expires November 4, 2025 { (Seal)

A notary public or other officer completing this cert	tificate verifies only the identity of the individual who signed the
document to which this certificate is attached, and n	ot the truthfulness, accuracy, or validity of that document.
State of California)
County of San Diego	ÿ
	Maria Cuina Natara Bullia
Date	Maria Guise, Notary Public
	Here Insert Name and Title of the Officer
personally appeared	Lawrence F. McMahon
	Name(s) of Signer(s)
subscribed to the within instrument and acknowledge	ory evidence to be the person(s) whose name(s) is/are owledged to me that he/she/they executed the same in y his/her/their signature(s) on the instrument the person(s) acted, executed the instrument.
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
	WITNESS my hand and official seal.
MARIA GUISE	1.
Commission # 2444156	Signature Muler
Notary Public - California SAN DIEGO County My Comm. Expires APR 14, 2027	Signature of Notary Public
Place Notary Seal Above	
	OPTIONAL ————————————————————————————————————
Though this section is optional, completing the fraudulent reattachment of t	his information can deter alteration of the document or this form to an unintended document.
Description of Attached Document	
Title or Type of Document:	
	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
Corporate Officer — Title(s):	
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Individual ☑ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator ☐ Other:	☐ Trustee ☐ Guardian or Conservator
Signer Is Representing: Surety Company	Other:Signer Is Representing:

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Lawrence F Mc Mahon, Sarah Myers, Janice Martin, Christopher J Conte, Lilia De Loera, Individually

of San Diego, CA, its true and lawful Attomey(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 16th day of July, 2021.



WESTERN SURETY COMPANY

Paul T. Bruflat, Vice President

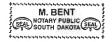
State of South Dakota
County of Minnehaha

ss

On this 16th day of July, 2021, before me personally came Paul T_a Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026



Bent Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 31st day of July, 2023.



WESTERN SURETY COMPANY

J. Nelson, Assistant Secretary

Form F4280-7-2012

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

N/A

DESIGNATION OF SUBCONTRACTORS

In compliance with the provisions of section 2.3 of the Standard Specifications, the Bidder shall set forth below the name and location of the mill, shop or office of each Subcontractor and the portions of the work, which will be done by that Subcontractor.

In compliance with the provisions of Section 2-3.2 of said "Standard Specifications" Bidder understands and agrees that the Contract Work described in the Plans and Specifications No. #FCGF 1-2022-2023-01 for the General Fund Storm Drain Maintenance Services Project requires the Contractor to perform, with its own organization, Contract Work amounting to at least 50% of the Contract Price as provided in Section 2-3.2 Additional Responsibility of the current edition of the "Standard Specifications for Public Works Construction" prepared and promulgated by the Southern California Chapters of the American Public Works Association and Associated General Contractors of California ("Greenbook)".

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal (submitted on or after March 1, 2015), or engage in the performance of any contract for public work unless currently registered with the Department of Industrial Relations to perform public work pursuant to Section 1725.5 of the Labor Code. Bidders and their sub-contractors shall provide an extract PDF at the of bid showing active registration from the Public Works Contractor online registration at https://efiling.dir.ca.gov/pwcr/search

In compliance with the provisions of the Government Code, Section 4100-4108, the undersigned Bidder herewith sets forth the name and location of the place of business of each Subcontractor who will perform work or labor or render service to the Contractor on or about the construction site of the work or improvements in an amount in excess of one-half of one percent (½%) of the Contractor's total bid and the portion of the work which will be done by each Subcontractor as follows:

I	rade	To Be Done	Name 1	License No.	Address
	N/A				

% Of Work

^{*} Identify any DBE subcontractors

LISTING OF MANUFACTURERS

The Contractor shall submit this sheet with his Bid to list the manufacturers of materials he intends to use. It shall be understood that where the Contractor elects not to use the material manufacturers called for in the Specifications, he will indicate the name of the Manufacturer he plans to substitute in the form below. Bidder further understands he will substitute only items of equal quality, durability, functional character and efficiency as determined by the Agency. See Section 01631 of these Specifications for substitution procedures and requirements. The Contractor should ascertain prior to bidding the acceptability of substitutes. Only one manufacturer shall be listed for each item.

Item or Material	Manufacturer or Supplier	DBE(*)
<u> </u>		
Hydrocarbon Boom	ClearTec Global, LLC	
Media Packs	Revel Environmental	
	Manufacturing, Inc. (REM)	

No change shall be allowed of any material manufacturer listed after receipt of Bids unless the manufacturer so listed cannot furnish materials meeting the Specifications. Any manufacturer, which is not deemed to be equal-to or better in every significant respect to that required by the Contract Documents, shall be rejected at the sole discretion of the Agency. Should such change be allowed by the Agency, bidder shall provide materials meeting the specification, as determined by the Agency, and there shall be no increase in the amount of the Bid originally submitted.

^{*} Identify if Supplier is a DBE.

ANTI-TRUST CLAIM

In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or Subcontractor offers and agrees to assign to the Agency all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Public Works Contract or the Contract or the Subcontract. This assignment shall be made and become effective at the time the Agency tenders final payment to the Contractor, without further acknowledgment by the parties.

RESPECTFULLY SUBMITTED:	
Andr	Loren Roberts
Signature	Please Print
VP of Sales & Marketing	2855 Progress Place
Title	Address
8/1/2023	Escondido, CA 92029
Date	Address
807953	A C31 HAZ
Contractor's California License No.	Type of License
Downstream Services, Inc.	05/31/2024
Name of License Holder	Expiration Date
THE REPRESENTATIONS MADE HERI	EIN ARE MADE UNDER PENALTY OF PERJURY.
80-0011534 Federal I.D. No.	S CORPORA E
(SEAL-if Bid is by a Corporation) ATTEST	SEAL CALIFORNIA

CERTIFICATION - LABOR CODE SECTION 1861

I, the undersigned Contractor, am aware of the provisions of section 3700 et. seq. of the Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I, the undersigned Contractor, agree to and will comply with such provisions before commencing the performance of the Work of this Contract.

Downstream Services, Inc. Firm Name	
Signature	
Loren Roberts, VP of Sales & Marketing Print Name	
807953 Contractor's California License No.	
05/31/2024 Expiration Date	
80-0011534 Federal I.D. No.	SERVICES AND SERVI
(SEAL-if Bid is by a Corporation)	O SORPORALE INTERNAL CALIFORNIA

CONTRACTOR:

CERTIFICATION OF NON-DISCRIMINATION

On behalf of the Bidder making this proposal, the undersigned certifies that there will be no discrimination in employment with regard to ethnic group identification, color, religion, sex, age, physical or mental disability, or national origin; that all Federal, State, and local directives and executive orders regarding nondiscrimination in employment will be complied with; and that the principle of equal opportunity in employment will be demonstrated positively and aggressively.

DATED: 08/01/2023	Downstream Services, Inc.
	(Name of Bidder)
	(Signature)
	Loren Roberts, VP of Sales & Marketing
	(Typed Name and Title)
807953	A C31 HAZ
California	Type of License
License No.	
Downstream Services, Inc.	05/31/2024
Name of License Holder	Expiration Date
80-0011534 Federal I.D. No.	MATTER AM SERVICE
(SEAL-if Bid is by a Corporation)	SEAL S
ATTEST WOLL	AROBATE OF THE STATE OF THE STA

EXPERIENCE STATEMENT

Bidder submits, as part of his bid, the following statements as to his experience qualifications. Bidder certifies that all statements and information set forth below are true and accurate. Bidder hereby authorizes the agency to make inquiry as appropriate regarding his experience.

Bidder has been engaged in the contracting business under his present business name for 21 years.

Bidder's experience in work of a nature similar in type and magnitude to that set forth in the Specification extends over a period of 21 years.

Bidder, as Contractor, has satisfactorily completed all Contracts awarded to him, except as follows:

(Name any/all exceptions and reasons and attach and designate additional pages if necessary.)

N/A

Within the last three years, Bidder has satisfactorily completed the following contracts covering work similar in type and magnitude to that set forth in these Specifications for the following owners (name person, firms, or authorities):

Name & Address of Owner/Agency	Representative and Telephone	Type of Work, Year <u>Completed & \$ Amount</u>
County of Orange 300 North Flower St. Santa Ana, CA 92008	Robert Kmetz (714) 667-3281	Type: BMP Maintenance and Cleaning Services; Grated Inlets, HDS Units, Bioswales, Determtion Basins, Modular Wetlands, Filtera Units. Year Completed: 2023 Amount: \$424,940.00
City of Carlsbad 405 Oak Ave. Carlsbad, CA 92008		Type: Catch Basin Cleaning Services, with traffic control and asneeded ER Services. Year Completed: 2023 Amount: \$87,214.00
City of Vista/Buena Sanitation District 200 Civic Center Drive Vista, CA 92804	Ken Knatz (760) 643-5416	Type: As-Needed Sewer CCTV Services Year Completed: 2022 Amount: \$89,975.14
City of Gelndale 541 West Chevy Chase Dr Glendale, CA 91204	John Hicks r. (818) 262-6799	Type: Cleaning and CCTV of approximately 500,000 LF of sewer lines. All inspections conducted per NASSCO PACP and MACP. Year Completed: 2022 Amount: \$1,151,564.18

(Bidder shall attach and properly designate additional pages, if necessary.)

PUBLIC WORKS CONTRACTOR REGISTRATION DOCUMENTATION

Pursuant to Section 1771.1 of the Labor Code, Bidder submits, as part of his bid, the following EXTRACTS (pdf) verifying his and his listed subcontractors active registration with the Department of Industrial Relations and eligibility to perform public work pursuant to Section 1725.5 of the Labor Code. Bidder certifies that all statements and information set forth below are true and accurate. Bidder hereby authorizes the agency to make inquiry as appropriate regarding his and his subcontractors registration status.

1000004632	07/01/2023	06/30/2026
Contractor Wal-	Saarah Eytraata	for him and his subcontractors
		Contractor Web Search Extracts

BF-15

MATERIAL	TEST REQUIRED	CALIFORNIA TEST
Permeable Material	Grading Sand Equivalent Durability Index	202 217 229
Imported Material (Shoulder Backing)	Grading Sand Equivalent Durability Index	202 217 229
Aggregate Subbase	Grading Sand Equivalent Resistance (R-Value)	202 217 301
Aggregate Base	Grading Sand Equivalent Resistance (R-Value) Durability Index Percentage of crushed particles	202 217 301 229 205
Screenings	Grading Loss in Los Angeles Rattler Crushed Particles Film Striping Cleanness valve	202 211 205 302 227
Asphalt Concrete (Except Open Graded)	Grading Specific Gravity (coarse & fine aggregate) Percentage of crushed particles Loss in Los Angeles Rattler Sand Equivalent Film Striping Kc Factor (CKE) Kf Factor (CKE) Stabilometer Swell Moisture Vapor Susceptibility Optimum Bitumen Content*	202 206 208 205 211 217 302 303 303 366 305 307 367
Open Graded AC, Asphalt Treated Permeable Material, Asphalt Treated Permeable Base	Grading Crushed Particles Loss in Los Angeles Rattler (500 revolutions) Durability Index Firm Striping	202 205 211 229 310 or 362 or 379

*(Not shown in Construction Manual, use CDE frequency.)

Note: Should any potential source sampling and testing be waived by reason of previous acceptance of material from the source, there will be no reduction in contract prices by reason of such waiver.

FOREIGN MATERIALS - The requirements of the fifth paragraph in Section 6-1-08, "Foreign Materials," of the Standard Specifications shall not apply.

HAZARDOUS MATERIALS TESTS AND MANIFEST REQUIREMENTS:

Bidder shall deliver all necessary laboratory test results and disposal manifests to City for all hazardous materials, prior to payment in accordance with all State and Federal Law governing the removal and disposal of hazardous waste.

Environmental Protection Agency

§ 116.4

1974. or which may affect natural resources belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976), means: (1) A discharge into any waters beyond the contiguous zone from any vessel or onshore or offshore facility, which vessel or facility is subject to or is engaged in activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974, and (2) any discharge into any waters beyond the contiguous zone which contain, cover, or support any natural resource belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

Public vessel means a vessel owned or bareboat-chartered and operated by the United States, or a State or political subdivision thereof, or by a foreign nation, except when such vessel is engaged in commerce.

Territorial seas means the belt of the seas measured from the line of ordinary low water along that portion of

the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters, and extending seaward a distance of 3 miles.

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water other than a public vessel;

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10266, Feb. 16, 1979; 58 FR 45039, Aug. 25, 1993]

§ 116.4 Designation of hazardous substances.

The elements and compounds appearing in Tables 116.4 A and B are designated as hazardous substances in accordance with section 311(b)(2)(A) of the Act. This designation includes any isomers and hydrates, as well as any solutions and mixtures containing these substances. Synonyms and Chemical Abstract System (CAS) numbers have been added for convenience of the user only. In case of any disparity the common names shall be considered the designated substance.

TABLE 116.4A-LIST OF HAZARDOUS SUBSTANCES

Common name	CAS No.	Synonyms	Isomers	CAS No.
Acetaldehyde	75070	Ethanal, ethyl aldehyde, acetic aldehyde		
Acetic acid	64197	Glacial acetic acid, vinegar acid		*************
Acetic anhydride	108247	Acetic oxide, acetyl oxide		***************************************
Acetone cyanohydrin	75865	2-methyllactonitrile, alpha- hydroxylsobutyronitrile.		4*************
Acetyl bromide	506967			***************************************
Acetyl chloride	79367			
Acrolein	107028	2-propenal, acrylic aldehyde, acrylaldehyde, acraldehyde.	AX2000000000000000000000000000000000000	******************
Acrylonitrile	107131	Cyanoethylene, Fumigrain, Ventox, propensitrile, vinyl cyanide.	***************************************	***************************************
Adlpic acid	124049	Hexanedioic acid	********	
Aldrin	309002	Octalene, HHDN	**1***********	
Allyl alcohol	107186	2-propen-1-ol, 1-propenol-3, vinyl carbinol	0.0000000000000000000000000000000000000	***************************************
Allyl chloride	107051	3-chloropropene, 3-chloropropylene,	A-12-120-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	0107780000000000000
,		Chlorallylene.		
Aluminum sulfate	10043013	Alum		**************
Ammonia	7564417			
Ammonium acetate	631618	Acetic acid ammonium, salt		
Ammonium benzoate	1863634		0.00011479109110914141	
Ammonium bicarbonate	1066337	Acid ammonium carbonate, ammonium hydro-	AND SALE THAT STREET, SALES OF SALES	
	.00500.	gen carbonate		700000000000000000000000000000000000000
Ammonium bichromate	7789095	044404-1-10944-10444-1044-1044-1044-1044	100000000000000000000000000000000000000	
Ammonium billuoride	1341497	Acid ammonium Iluoride, ammonium hydrogen Iluoride	***************************************	050000000000000000000000000000000000000
Ammonium bisulfite	10192300	HEOMET (D10000003103000001000000000000000000000		**************
Ammonium carbamate	1111780	Ammonium aminoformate	***************************************	
Ammonium carbonate	506876	Proceedings of the contract of		
Ammorilum chloride	12125029	Ammonium mudate, sal ammoniac, salmiac. Amchior.	***************************************	***************************************
Ammonium chromate	7788989		***************************************	
Ammonium citrate dibasic	3012655	Diammonium citrate, citric acid diammonium salt.		************

Соптоп пате	CAS No.	Synonyms	Isomers	CAS No.
Ammonium fluoborate	13826830	Ammonium fluoroborate, ammonium	**************	zeconologia.
Ammonium fluoride	12125018	borofluoride. Neutral ammonium fluoride		
Ammonium hydroxide	1336216	ivedital allimonium nuonue	0.0000000000000000000000000000000000000	***************************************
Ammonium oxalate	6009707			300000000000000000000000000000000000000
Attitional Oxalate	5972736			
	14258492	***************************************	/10004000100000000000000000000000000000	
Ammonium silicofluoride	16919190	Ammonlum fluosilicate		
Ammonium sulfamate	7773060	Ammate, AMS, ammonium amidosulfate		***************************************
Ammonium sulfide	12135761	***************************************	03404400144400224	
Ammonium sulfite	10196040			
	10192300	***************************************		11.74
Ammonium lartrate	3164292	Tartaric acid arnmonium salt		
	14307438		S-10-10-10-10-10-10-10-10-10-10-10-10-10-	
Ammonium thiocyanate	1762954	Ammonium rhodanide, ammonium sulfocyanide.	4	***************************************
Amly acetate	628637	Amylacetic ester	iso	123922
		Pear oil	sec	626380
		Banana oil	tert-	625161
Anlline	62533	Aniline oil, phenylamine, aminobenzene, aminophen, kyanol		***************************************
Antimony pentachloride	7647189			*********
Antimony potassium tarrate	28300745	Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate.		
Antimony tribromide	7789619	······		
Antimony trichloride	10025919	Butter of antimony	***************************************	
Antimony trifluoride	7783564	Antimony fluoride		
Antimony trioxide	1309644	Diantimony trioxide, flowers of antimony	. (1.0400000.00000000000000000000000000000	300000000000000000000000000000000000000
Arsenic disulfide	1303328	Red arsenic sulfide		
Arsenic pentoxide	1303282	Arsenic acid anhydrlde, arsenic oxlde		
Arsenic trichloride	7784341	Arsenic chloride, arsenious chloride, arsenous chloride, butter of arsenic.	.01112220000000000000000000000000000000	
Arsenic trioxide	1327533	Arsenious acid, arsenious oxide, white arsenic		
Arsenic trisulfide	1303339	Arsenious sulfide, yellow arsenic sulfide		300.000.000.000.000.000.000.000.000.000
Barium cyanide	542621			
Benzoic acid	71432 65850	Cyclohexatriene, benzol Benzenecarboxylic acid, phenylformic acid,		
Panancitrila	100470	dracylic acid.		
Benzonitrile	100470 98884	Phenyl cyanide, cyanobenzene		
Benzoyl chloride	100447	Benzenecarbonyl chloride		
Benzyl chloride	7787475		***************************************	
Beryllium fluoride	7787497			***************************************
Beryllium nitrate	7787555	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Derymon midde ammanan	13597994	(**************************************	(100)	***************************************
Butyl acetate	123864	Acetic acid butyl ester	ISO	110190
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	sec	105464
Butulamina	109739	1-aminobutane	tert	540885 78819
Butylamine	109733	r-animobutane	sec-	513495
			50C	13952846
			tert-	75649
n/butyl phthalate	84742	1.2-benzenedicarboxylic acid, dibutyl ester, dibutyl phthalate.		
Butyric acid	107926	Butanoic acid, ethylacetic acid	ISO.	79312
Cadmium acetate	543908	-	11	
Cadmium bromide	7789426	0.400.4		***************************************
Cadmium chloride	10108642	***************************************		
Calcium arsenate	7778441	Tricalcium orthoarsenate	(1)	
Calcium arsenite	52740166	***************************************	***************************************	***************************************
Calcium carbide	75207	Carbide, acetylenogen	(100 mm)	
Calcium chromate	13765190	Calcium chrome yellow, geblin, yellow ultra- marine	(**************************************	
Calcium cyanide	592018			400041040404040
Calcium dodecylbenzenesullonate	26264062			40.000000000000000000000000000000000000
Calcium hypochlorite	7778543		(00100000000000000000000000000000000000	
Capten	133062	Orthocide-406, SR-406, Vancide-89	*****	(***************
Carbaryl	63252	Sevin		************
Carboluran	1563662	Furadan		
Carbon disulfide	75150	Carbon bisulfide, dithiocarbonic anhydride		
Carbon tetrachloride	56235	Tetrachloromethane Perchloromethane		************
Chlordane	57749	Toxichlor, chlordan		

Environmental Protection Agency

Common name	CAS No.:	Synonyms	Isomers	CAS No
Chlorine	75003	**************************************	5274-540404 04440	10700000 0000000
Chlorobenzene	108907	Monochlorobenzene, benzene chloride		120111111111111111111
Chloroform	67663	Trichloromathane		1
Chlorpyrifos	2921882	Dursban	7000 CONTRACTOR CO.	(****************
Chlorosulfonic acid	7790945	Sulfuric chlorotydrin		***********
Chromic acetate	1066304		***************************************	
Chromic acid	11115745	Chromic anhydride, chromium trioxide	100000000000000000000000000000000000000	19115111111111111
Chromic sulfate	1010153B			*****
Chromous chloride	10049055	***************************************	2541111711111111111111111111111111111111	
Cobaltous bromide	7789437	Cobalt bromide	100111111111111111111111111111111111111	100000000000000000000000000000000000000
Coabaltous formate	544183	Cobait formate		****************
	14017415	Cobalt sulfamate		
Cobaltous sulfamate		The state of the s	D.00000.000000000000000000000000000000	
Coumaphos	56724	Co-Ral	3400401000000000	100004
Cresal	1319773	Gresylic acid	m	108394
		Hydroxytoluene	0	95487
			b	106445
Crotonaldehyde	4170303	2-butenal propylene aldelhyde		
Cupric acetate	142712	Copper acetate, crystallzed verdigris		
Cupric acetoarsenite	12002038	Copper acetoarsenite, copper acetate arsenite,		
		Paris green		
Cupric chloride	7447394	Copper chloride		***************************************
Cupric nitrate	3251238	Copper nitrate	***************************************	
Cupric oxalate	5893663	Copper oxalate		
Cupric sulfate	7758987	Copper sulfate		
Cupric sulfate, ammoniated	10380297	Ammoniated copper sulfate		
Cupric tartrate	815827	Copper tartrate		***************************************
	506774	Copper tarrate	***************************************	
Cyanogen chloride				
Cyclohexane	110827	Hexahydrobenzene, hexamethylene,		**************
		hexanaphthene.		
2,4-D acid	94757	2,4-dichlorophenoxyacetic acid		10(03)(10)(00)
2.4-D ester	94111	2,4-dichlorophenoxyacetic acid ester	111000 11000 11000	(0.000000000000000000000000000000000000
	94791			
	94804			
	1320189			
	1928387			
	1928616			
	1929733			
	2971382			
	25168267			
	20100501			
	E9467111		1	
DET	53467111	a a' 00T		
DDT	50293	p.p'-DDT		
Diazinon	50293 333415	Dipofene, Diazitol, Basudin, Spectracide		
	50293 333415 1918009	Dipofene, Diazitol, Basudin, Spectracide		
Diazinon	50293 333415	Dipofene, Diazitol, Basudin, Spectracide		
Diazinon	50293 333415 1918009	Dipofene, Diazitol, Basudin, Spectracide		
Diazinon Dicamba Dichlobenil Dichlone	50293 333415 1918009 1194656	Dipofene, Diazitol, Basudin, Spectracide		
Diazinan Dicamba Dichlobenil	50293 333415 1918009 1194656 117806	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide	Ortho	
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene	50293 333415 1918009 1194656 117806 25321226	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN	Ortho Para	95501
Diazinon Dicamba Dichlobenil Dichlone	50293 333415 1918009 1194656 117806	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide	Ortho Para 1,1	95501 106467 78999
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene	50293 333415 1918009 1194656 117806 25321226	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN	Ortho Para 1,1	95501 106467 78999 78875
Diazinon Dicamba Dichlobenil Dichlore Dichlorobenzene Dichloropropane	50293 333415 1918009 1194656 117806 25321226 26638197	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzolc acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride	Ortho Para 1.1 1.2	95501 106467 78999 78875 142289
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene	50293 333415 1918009 1194656 117806 25321226	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN	Ortho Para 1,1 1,2 1,3 1,3 1,3	95501 106467 78999 78875 142289 542756
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane Dichloropropene	50293 333415 1918009 1194656 117806 25321226 26638197 26952238	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropane Dichloropropene	50293 333415 1918009 1194656 117806 25321226 26638197	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzolc acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride	Ortho Para 1,1 1,2 1,3 1,3 1,3	95501 106467 78999 78875 142289 542756
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D	Ortho Para	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlore Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene Cimixture).	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlore Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene Dichloropropene (mixture) 2,2-Dichloropropionic acid Dichlorops	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphale, Vapona	Ortho Para	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlore Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene Dichloropropene (mixture) 2,2-Dichloropropionic acid Dichlorops	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden O Dalapon 2,2-dichlorovinyl dimethyl phosphale, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol,	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlore Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphale, Vapona	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene (mixture) 2,2-Dichloropropionic acid Dichlorves Dicolol	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden O Dalapon 2,2-dichlorovinyl dimethyl phosphale, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol,	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene (mixture) 2,2-Dichloropropionic acid Dichloros Dicoloi Dieldriri	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzolc acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol,	Ortho Para	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichloros Dicofol Dieldrin Diethylamine	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit	Ortho Para 1,1 1,2 1,3 1,3 2,3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichloros Dichloros Dichloros Dichloros Dichloropropionic acid Dichloros	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden 0 Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit	Ortho Para	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichloros Dichloros Dichloros Dichloros Dichloropropionic acid Dichloros	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit	Ortho Para	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichloros Dichloros Dichloros Dichloros Dichloropropionic acid Dichloros	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden 0 Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichloros Dicolol Dieldrin Dieldrin Diethylamine Dimethylamine Dinltrobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dlcofol, Alvit Dinitrobenzol	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichloros Dichloros Dichloros Dichloros Dichloropropionic acid Dichloros	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden 0 Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886
Diazinan Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichlorvos Dicolol Dieldrin Diethylamine Dimethylamine Dinltrobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dlcofol, Alvit Dinitrobenzol	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715
Diazinan Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichlorvos Dicolol Dieldrin Diethylamine Dimethylamine Dinltrobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715
Diazinan Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichlorvos Dicolol Dieldrin Diethylamine Dimethylamine Dinltrobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dlcofol, Alvit Dinitrobenzol	Ortho Para 1.1 1.2 1.3 1.3 2.3	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichloros Dicolol Dieldrin Diethylamine Dimethylamine Dinlirobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol	Ortho Para 1.1 1.2 1.3 1.3 2.3 m- o- p- (2,5-) (2,4-). (2,6-)	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichloros Dicolol Dieldrin Diethylamine Dimethylamine Dinlirobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol	Ortho Para 1.1 1.2 1.3 1.3 2.3 2.3 m- o- p- (2,5-) (2,4-). (2,6-) 2.4 2.6	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715
Diazinon Dicamba Dichlobenil Dichlone Dichloropropane Dichloropropane Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichloros Dicolol Dieldrin Diethylamine Dimethylamine Dinlirobenzene (mixed)	50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonltrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol	Ortho Para 1,1 1,2 1,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 2,3 1,3 1,3 1,3 2,3 1,3 1,3 1,3 2,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1,3 1	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715 573568 121142 606202

Common name	CAS No.	Synonyms	Isomers	CAS No.
Disulfoton	298044	Di-systen		1134-1174-11 1140-
Diuron	330541	DCMU, DMU	voice increase and a	Thereto records
Dodecylbenzenesulfonic acid	27176870	12.800.007	100000000000000000000000000000000000000	<pre><pre></pre></pre>
Endosulfan	115297	Thiodan	(1414.140001414444014	
Endrin	72208	Mendrin, Compound 269	1-0449-00-08-04-08-0-0-0-0-0-0-0-0-0-0-0-0-0-0	14X4.8X8.4.848.8417.141
Epichlorohydrin	106898	-chloropropylene oxide		
Ethion	563122	Nialate, ethyl methylene, phosphorodithioate	****	
Ethylbenzene	100414	Phenylethane		
Ethylenediamine	107153	1,2-diaminoethane	ALCOHOLOGY (************************************	
Ethylenediamine-tetraacetic acid (EDTA).	60004	Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid.	***************************************	
Ethylene dibromide	106934	1.2-dibromoethane acetylene dibromide sym- dibromoethylene		
Ethylene dichloride	107062	1,2-dichloroethane sym-bichloroethane		
Ferric ammonium citrate	1185575	Ammonium ferric citrate	***************************************	
Ferric ammonium oxalate	2944674	Ammonium ferric oxalate		
	55488874		W111001000000000000	(1) (1) (1) (1) (1) (1)
Farric chloride	7705080	Flores martis, iron trichloride		*************
Ferric fluoride	7783508	**************************************		100000000000000000000000000000000000000
Ferric nitrate	10421484	Iron nitrate		************
Ferric sullate	10028225	Ferric persulfate, ferric sesquisulfate, terric tersulfate.		
Ferrous ammonium sulfate	10045893	Mohr's salt, Iron ammonium sulfate	Tarini dan kananan j	31.23.33.33.33.23.23.23.23.23.23.23.23.23.
Ferrous chloride	7758943	Iron chloride, Iron dichloride, Iron protochloride		******
Ferrous sulfate	7720787	Greon vitriol		***************************************
	7782630	Iron vitriol, Iron sulfate, iron protosulfate		***************
Formaldehyde	50000	Methyl aldehyde, methanal, formalin		***************************************
Formic acld	64186	Methanoic acid	141111411111111111111111111111111111111	***************************************
Furnaric acid	110178	Trans-butenedloic acid, trans-1,2-		
		ethylenedicarboxylic acid, boletic acid,		
		allomateic acid.		
Furtural	98011	2-furaldehyde, pyromucic aldehyde		**************
Guthion	86500	Gusathion, azinphos-methyl		************
Heptachlor	76448	Velsicol-104, Drinox, Heptagran	Transport transport	***************
Hexachlorocyclopentadlene	77474	Perchlorocyclopentadiene	124144141111111111111111111111111111111	******************
Hydrochloric acid	7647010	Hydrogen chloride, murlatic acid		
Hydrofluoric acid	7664393	Fluohydric acid		
Hydrogen cyanide	74908	Hydrocyanic acid		
Hydrogen sulfide	7783064	Hydrosulfuric acid sulfur hydride		
Isoprene	78795	2-methyl-1,3-butadiene	2.000.000.000.0000000000000000000000000	000000000000000000000000000000000000000
Isopropanolamine dodecylbenzenesulfonate.	42504461			*****************
Kepone	143500	Chiordecone 1,1a,3.3a,4,5,5.5a,5b,6- decachlorooctahydro-1,3.4-metheno-2H- cyclobuta(cd)pentalen-2-one,		
Lead acetate	301042	Sugar of lead		
Lead arsenate	7784409	***************************************	(40000000000000000000000000000000000000	
	7645252	***************************************	H12431-0004-00-001-001	241000000000000000000000000000000000000
	10102484	441041-00-01414-01-01-01414-01-01-01-01-01-01-01-01-01-01-01-01-01-		*************
Lead chloride	7758954			
Lead fluoborate	13814965	Lead fluoroborate		
Lead fluoride	7783462	Lead dilluoride, plumbous fluoride		
Lead iodide	10101630	######################################		
Lead nitrate	10099748	***************************************	(2007)2000000000000000000000000000000000	300000-3-6400000000
Lead stearate	7428480	Stearic acid lead salt	0.000	143(41)-(4),(4)(10)
	1072351	***************************************		**********
	52652592		000000000000000000000000000000000000000	
Lead sulfate	7446142		10047-1110000-11000	
Lead sulfide	1314870	Galena		***************************************
Lead thiocyanate	592870	Lead sulfocyanate	***************	************
Lindane	58899	Gamma-BHC, gamma-benzene hexachtoride	***************************************	
Lithlum chromate	14307358	PHONOCHER (1980)		449700000000000000000000000000000000000
Malathion	121755	Phospothion	reconcentration	
Maleic acid	110167	Cis-butenedials acid, cis-1,2- ethylenedicarboxyllic acid, toxilic acid,		19999114491144111
Maleic anhydride	108316	2,5-furandione. cis-butenedicic anhydride. toxilic anhydride.	222301773320000001	**************
Mercaptodimethur	203657	Mesurol	***************************************	**************
Mercuric cyanide	592041	Marcury cyanide		**************
Mercuric nitrate	10045940	Mercury nitrate, mercury pernitrate		
Mercuric sulfate	7783359	Mercury sulfate, morcury persulfate		
Mercuric thiocyanate	592858	Mercury thiocyanate, mercuric sullocyanate,	***************************************	*************
		mercuric sulfocyanide	l,	

Environmental Protection Agency

Common name	CAS No.	Synonyms	Isomers	CAS No
Mercurous nitrate	7782867			
	10415755	Mercury protonitrate		
Methoxychlor	72435	DMDT, methoxy-DDT	AND THE PROPERTY OF	444044111119944
Methyl mercaptan	74931	Methanethiol, mercaptomethane, methyl sulfhydrate, thlornethyl alcohol,	1	************
Methyl methacrylate	80626	Methacryfic acid methyl ester, methyl-2-meth- yl-2-propenoate		
Methyl parathion	298000	Nitrox-80		
Mevinphos	7786347	Phesdrin		******************
Mexacarbate	315184	Zectran	111111111111111111111111111111111111111	
Monoethylamine	75047	Ethylamine, aminoethane		***************************************
Monomethylamine	74895	Methylamine, aminomethane		*************
Naled	300765	Dibrom		
Naphthalone	91203	White tar, tar camphor, naphthalin		*************
Naphthenic acid	1338245	Cyclohexanecarboxylic acid, hexahydrobenzoic acid,	***************************************	
Nickel ammonium sulfate	15699180	Ammonium nickel sulfate		
Nickel chloride	37211055	Nickelous chloride		***************************************
5.64% 400000000000000000	7718549	\$1000 \$1000	***************************************	
Nickel hydroxide	12054487	Nickelous hydroxide		**************
Nickel nitrate	14216752			***************************************
Nickel sulfate	7786814	Nickelous sulfate	/	************
Nitric acid	7697372	Aqua fortis		*************
Nitrobenzene	98953	Nitrobenzol, oil of mirbane	***************************************	
Nitrogen dloxide	10102440	Nitrogen tetraoxide		************
Nitropheriol (mixed)	25154556	Mononitrophenol	m-	554847
The second secon			0	88755
			ρ	100027
Nitrotoluene	1321126		Ortho	88722
			Meta	99081
			Para	99990
Paraformaldehyde	30525894	Paratorm, Formagene, Triformol, polymerized tormaldehyde, polyoxymethylene.	7-17-11-11-11-11-11-11-11-11-11-11-11-11	
Parathion	56382	DNTP, Niran		
Pentachlorophenol	87865	PCP, Penta		
	108952		*****************	
Phenol	100932	Carbolic acid, phenyl hydroxide, hydroxybenzene, oxybenzene.		
Phosgene	75445	Diphosgene, carbonyl chloride, chloroformyl chloride.		
Phosphoric acid	7664382	Orthophosphoric acid		
Phosphorus	7723140	Black phosphorus, red phosphorus, white		
1 100pinorus	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	phosphorus, yellow phosphorus.		
Phosphorus oxychloride	10025873	Phosphoryl chloride, phosphorus chloride	(4844) (4744) (4744)	*****
Phosphorus pentasulfide	1314803	Phospharic sulfide, thiophosphoric anhydride.		
Phosphorus trichtoride	7719122	phosphorus persulfide. Phosphorous chloride		
Polychorinated blohenyls	1336363	PCB, Aroclor, polychlorinated diphenyls		11.11.11.11.11.11.11.11.11.11.11.11.11.
Potassium arsenate	7784410	TOD, Araciar, polycritorinated diprientyls		
Potassium arsenite	10124502	Potassium metaarsenite	(**************************************	***************************************
Potassium bichromate	7778509	Potassium dichromate	230000000000000000000000000000000000000	
Potassium chromate	7789006	Total of the control		
Potassium cyanide	151508			
Potassium hydroxide	1310583	Potassium hydrate, caustic potash, potassa		350
Potassium permanganate	7722647	Chameleon mineral	Allert Control Control	201111111111111111111111111111111111111
Propargite	2312358	Omite		
Propionic acid	79094	Propanoic acid, methylacetic acid, ethylformic acid.		
Propionic anhydride	123626	Propanoic anhydride, methylacetic anhydride		
Propylene oxide	75569	Propene oxide		
Pyrethrins	121299	Pyrethrin I	***************************************	
	121211	Pyrethrin II		
Quinoline	91225	1-benzazine, benzo(b)pyridine, leuocoline, chinoleine, leucol		***************************************
Resorcinal	108463	Resorcin, 1,3-benzenediol, meta- dihydroxybenzene.		***************************************
Selenium oxide	7446084	Selenium dioxide		
Silver nitrate	7761888	Nitric acid silver (1+) salt lunar caustic	****************	
Sodium	7440235	Natrium	: communication	*
Sodium arsenate	7631892	Disodium arsenate	******************	
Sodlum arsenite	7784465	Sodium metaarsenite	44-94-90-44-4-4-4-4-4-4	
Sodium bichromate	10588019	Sodium dichromate		
Sodium billuoride	1333831			

Common name	CAS No.	Synonyms	Isamers	CAS No.
Sodium bisulfite	7631905	Sodium acid sulfite, sodium hydrogen sulfite	-40 A-40004174(1-004)	000000000000000000000000000000000000000
Sodium chromate	7775113	40.000.000.000.000.000.000.000.000.000.		*************
Sodium cyanide	143339	40-00-00-00-00-00-00-00-00-00-00-00-00-0	200000000000000000000000000000000000000	Tea () 1 1 1 1 1 1 1 1 1
Sodium dodecylbenzene-sulfonate	25155300	**************************************	***************	000000000000000000000000000000000000000
Sodium fluoride	7681494	Villiaumite	***************************************	
Sodlum hydrosulfide	16721805	Sodium hydrogen sulfide	***************************************	***************************************
Sodium hydroxide	1310732	Caustic soda, soda lye, sodlum hydrate	(0.000000000000000000000000000000000000	
Sodium hypochlorite	7681529	Bleach	900030000000000000000000000000000000000	
	10022705	**************************************	300100000000000000000000000000000000000	contraction contraction
Sodium methylate	124414	Sodium methoxide		
Sodium nitrite	7632000		***************************************	
Sodium phosphate, dibasic	7558794	***************************************	ADDRESS AND A STATE OF THE STAT	200100000000000000000000000000000000000
	10039324		***************************************	
Good on the section of the section o	10140655	***************************************		
Sodium phosphate, tribasic	7785844			F-33744111 (4-37-3411)
	7601549			***************************************
1	10101890			
	10361894	***************************************	***************************************	
	7758294	***/***********************************		
Carity and added	10124568	***************************************		
Sodium selenite	10102188			
Stiontive cheeneds	7782823 7789062			
Strontium chromate	57249			
Strychnine	100425	Vigulbonago phonylatkylana styrol		
Styrene	100423	Vinylbenzene, phenylethylene, styrol,	***************************************	***************************************
Culturio acid	7664939	styrolene, cinnamene, cinnamol. Oil of vitriol, oleum		
Sulfuric acid	12771083	Sulfur chloride		
Sulfur monochloride	93765	2,4,5-trichlorophenoxyacetic acid		
2.4.5-T acid	6369966	Acetic acid (2,4,5-trichlorophenoxy)-compound		
2,4,5-T amines	0303300	with N,N-dimethylmethanamine (1:1):		
	6369977	Acetic acid (2,4,5-trichlorophenoxy)-compound		
	1319728	with N-methylmethanamine (1:1). Acetic acid (2,4,5-trichlorophenoxy)-compound		
	3813147	with 1-amino-2-propanol (1:1). Acetic acid (2,4,5-trichtorophenoxy)-compound with 2,2'2"-nitrilotris [ethanol] (1:1).		
2,4,5-T esters	2545597	2,4,5-trichlorophenoxyacetic esters	***************************************	
2,4,5-1 Esters	93798	Z-1,3-the horopherioxyacetic esters	***************************************	
	61792072	***************************************		
	1928478			
	25168154		***************************************	
2,4,5–T salts	13560991	Acetic acid (2.4,5-trichlorophenoxy)-sedium salt.		
TOE	72548	ODD		
2,4,5-TP acid	93721	Propancic acid 2-(2,4,5-trichlorophenoxy)		
2,4,5-TP esters	32534955	Propanoic acid, 2-(2.4,5-trichlorophenoxy)-, isooctyl ester.	***************************************	
Tetraethyl lead	78002	Lead tetraethyl, TEL		
Tetraethyl pyrophosphate	107493	TEPP	***************************************	
Thallium sulfate	10031591	***************************************		
	7446186			(***************
Toluene	108883	Toluoi, methylberizene, phenylmethane, Methacide.		
Toxaphene	8001352	Camphechlor		
Trichiorion	52686	Dipterex		
Trichlorethylene	79016	Ethylene trichloride		
Trichlorophenol	25167822	Collunosol, Dowlcide 2 or 2S, Omal,	(2,3,4-)	15950660
in the first of the state of th		Phenachlor.	(2,3,5-)	933788
			(2,3,6-)	933755
			(2,4.5-)	95954
			(2,4,6-)	88062
			(3.4,5-)	609198
Triethanolamine dodecylbenzenesulfonate.	27323417			
Triethylamine	121448			******************
Trimethylamine	75503	TMA		
Uranyl acetate	541093		******************	
			24000 TO 0000 TO 0000 TO 0000 TO	100 mm (100 mm) 100 mm (100 mm)
	10102064	***************************************	*****************	**************
Uranyl nitrate	10102064 36478769		******************	

Environmental Protection Agency

TABLE 116.4A—LIST OF HAZARDOUS SUBSTANCES—Continued

Соттол пате	CAS No.	Synonyms	Isomers	CAS No.
Vanadyl sulfate	27774136	Vanadic sulfate, vanadium sulfate		
Vinyl acetate	108054	Acetic acid ethylene ether	***************************************	
Vinylidene chloride	75354	1,1-dichlorethylene	121500001000000000000000000000000000000	
* VEOCTORES (VEOCTORES)		1,1-dichlaroethene	***************************************	
Xylone (mixed)	1330207	Dimethylbenzene	m	108383
-00074800-000000000000000000000000000000		Xylolloly	0	95476
		1000 0000 00000000000000000000000000000	ρ	106423
Xylenol	1300716	Dimethylphenol, hydroxydimethylbenzene	Sex variations	
Zinc acetate	557346		***************	
Zinc ammonium chloride	14639975		117322112312111112312	200111000000000000000000000000000000000
1 2000000000000000000000000000000000000	14639986			100000000000000000000000000000000000000
	52628258		23/////22//////////////////////////////	196615/100031590500
Zinc borate	1332076		***************************************	
Zinc bromlde	7699458			140 (100 (100 (100 (100 (100 (100 (100 (
Zinc carbonate	3486359		***************************************	(- 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -
Zinc chloride	7646857	Butter of zinc		
Zinc cyanide	557211			
Zinc fluoride	7783495		W-000000000000000000000000000000000000	
Zinc formate	557415			
Zinc hydrosultite	7779864			
Zinc nitrate	7779886	***************************************		
Zinc phenoisulfonate	127822	Zinc sulfocarbolate		***************************************
Zinc phosphide	1314847	Zine sandarbiate		
Zinc silicolluoride	16871719	Zinc fluosilicate	***************************************	
Zinc sulfate	7733020	White vitrial, zinc vitrial, white copperas		***************************************
Zirconium nitrate	13746899	write virial, zinc vitiol, write copperas		
Zirconium potassium fluoride	16923958			
Zirconium sulfate	14644612	Disulfatozirconic acid		
Zirconium tetrachloride	10026116			***************************************
Zircomonii terraciilonde	10020110		****************	141141111111111111111111111111111111111

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name	CAS No.	Common name
50000	Formaldehyde	78002	Tetraethyl lead
50293	DDT	78795	Isoprene
51285	2,4-Dinitrophenol	78819	iso-Butylamine
52686	Trichlorion	79094	Propionic acid
56382	Parathion	79312	iso-Butyric acid
56724	Coumaphos	79367	Acetyl chloride
57249	Strychnine	80626	Methyl methacrylate
57749	Chlordane	85007	Diquat
58899	Lindane	86500	Guthion
60004	Ethylenediaminetetraacetic	87865	Pentachlorophenol
	acid (EDTA)	88755	o-Nitrophenol
60571	Dieldrin	91203	Naphthalene
62533	Aniline	91225	Quinoline
62737	Dichlorvos	93765	2,4,5-T acid
63252	Carbaryl	93798	2,4,5-T ester
64186	Formic acid	94111	2,4-D ester
64197	Acetic acid	94757	2,4-D acid
65850	Benzoic acid	94791	2,4-D ester
67663	Chlorotorm	94804	2,4-D Butyl ester
71432	Benzene	95476	o-Xylene
72208	Endrin	95487	o-Cresol
72435	Methoxychior	98011	Furtural
72548	TDE	98884	Benzoyl chloride
74895	Monomethylamine	98953	Nitrobenzene
74908	Hydrogen cyanide	99650	m-Dinitrobenzene
74931	Methyl mercaptan	100027	p-Nitrophenol
75047	Monoethylamine	100254	p-Dinitrobenzene
75070	Acetaldehyde	100414	Ethylbenzene
75150	Carbon disulfide	100425	Styrene
75207	Calcium carbide	100447	Benzyl chloride
75445	Phosgene	100470	Benzonitrile
75503	Trimethylamine	105464	sec-Butyl acetate
75649	tert-Butylamine	106423	p-Xylene
75865	Acetone cyanohydrin	106445	p-Crespl
75990	2,2-Dichloropropionic acid	107028	Acrolein
76448	Heptachlor	107051	Allyl chloride

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

SUBSTANCES BY CAS NUMBER—Continued		CAS No. COMMISSION IN		
CA	S No.	Common name	CAS No	Common name
07131		Acrylonitrile	1066304	Chromic acetate
	*************	Ethylenediamine	1066337	Ammonium bicarbonate
	***********	Allyt alcohol	1072351	Lead stearate
	*******	Tetraethyl pyrophosphate	1111780	Ammonlum carbamate
		п-Butyric acid	1185575	Ferric ammonium citrate
	**********	Vinyl acetate	1194656	Dichlobenil
		Acetic anhydride	1300716	Xylenol
		Maleic anhydride	1303282	Arsenic pentoxide
	*	m-Xylene	1303328	Arsenic disulfide
	*************	m-Cresol	1303339	Arsenic trisulfide
	*********	Resorcinol	1309644	Antimony trioxide
	1940001114444	Toluene	1310583	Potassium hydroxide
	***********	Chlorobenzene	1310732	Sodium hydroxide
		Phenol	1314621	Vanadium pentoxide
	************	n-Butylamine	1314803	Phosphorus pentasulfide
		Diethylamine	1314847	Zinc phosphide
		Maleic acid	1314870	Lead sulfide
		Fumaric acid	1319773	Cresol (mixed)
	***********	iso-Butyl acetate	1320189	2,4-D ester
	***********	Cyclohexane	1327533	Arsenic trloxide
	****************	Endosulfan	1330207	Xylene
	*************	Dicotol	1332076	Zinc borate
		Dichlone	1333831	Sodium biliuoride
		Pyrethrin	1336216	Ammonium hydroxide
		Pyrethrin	1336363	Polychlorinated biphenyls
	********	Triethylamine	1338245	Naphthenic acid
		Malathion	1341497	Ammonlum bifluoride
	************	Proplonic anhydride	1762954	Ammonium thiocyanate
	**********	n-Butyl acetate	1863634	Ammonium benzoate
		Iso-Amyl acetate	1918009	Dicamba
		Dimethylamine	1928387	2,4-D esters
	***********	Sodium methylate	1928478	2,4,5-T ester
	111101111111111111111111111111111111111	Zinc phenolsulfonate	1928616	2,4-D ester
		Captan	1929733	2,4-D ester
		Cupric acetate	2545597	2,4,5-T ester
		Sodium cyanide	2764729	Diquat
		Potassium cyanide	2921882	Chlorpyrilos
	********	Methyl parathion	2944674	Ferric ammonium oxalate
		Disulfoton	2971382	2.4-D ester
	**************	Naled Lead acetate	3012655 3164292	Ammonium citrate, dibasic
	**************	Aldrin		Ammonium tartrate
		Mexacarbate	3251238 3486359	Cupric nitrate Zinc carbonate
		2,5-Dinltrophenol	5893663	Cupric oxalate
		Diuron	5972736	Ammonium oxalate
		Diazinon	6009707	Ammonium oxalate
		Cyanogeri chloride	6369966	2,4,5-T ester
	**************	Ammonium carbonate	7428480	Lead stearate
	*****************	Acetyl bromide	7440235	Sodium
	***************	sec-Butylamine	7446084	Selenium oxide
	***************************************	o-Dinitrobenzene	7446142	Lead sulfate
		tert-Butyl acetate	7447394	Cupric chloride
	**************	Uranyl acetale	7558794	Sodium phosphate, dibasic
		Barium cyanide	7601549	Sodium phosphate, tribasic
	**************	Cadmium acetate	7631892	
	***************	Cobaltous formate		Sodium arsenate
	********************		7631905 7632000	Sodium bisulfite
		m-Nitrophenol Zinc cyanide	7645252	Sodium nitrite Lead arsenate
57246		Zinc cyanide		
	******	Zinc acetate	7646857	Zinc chloride Hydrochloric acid
		Zinc formate	7647010	
		Ethlon	7647189	Antimony pentachloride
	*************	2,6-Dinitrophenol	7664382	Phosphoric acid
	*****	Calcium cyanide	7664393	Hydrofluoric acid
		Mercuric cyanide	7664417	Ammonia
		Mercuric thiocyanate	7664939	Sulfuric acid
	**********	Lead thiocyanate	7681494	Sodium fluoride
	**********	tert-Amyl acotate	7681529	Sodium hypochlorite
	*********	sec-Amyl acetate	7697372	Nitric acid
	*******	n-Amyl acetate	7699458	Zinc bromide
31618	************	Ammonium acetate Cupric tartrate	7705080 7718549	Ferric chloride Nickel chloride

Environmental Protection Agency

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No. Common name 7719122 Phosphorus trichloride 7720787 7722647 Ferrous sulfate Potassium permanganate 7723140 Phosphorus 7733020 Zinc sullate Sodium phosphate, tribasic Ferrous chloride 7758294 7758943 7758954 Lead chloride 7758987 ... 7773060 ... Cupric sulfate Ammonium sulfamate 7775113 Sodium chromate 7778441 7778509 Calcium arsenate Potassium blchromate 7778543 Calcium hypochlorite 7779864 Zinc hydrosulfite 7779886 7782505 Zinc nitrate Chlorine 7782630 Ferrous sullate 7782823 7782867 Sodium selenite Mercurous nitrate 7783359 Mercuric sulfate 7783462 7783495 Lead fluoride Zinc fluoride 7783508 Fernc fluoride 7783564 Antimony trilluoride Arsenic trichloride 7784341 7784409 Lead arsenate 7784410 7784465 Potassium arsenate Sodlum arsenite 7785844 Sodium phosphate, tribasic 7786347 Mevinphos Nickel sulfate Beryllium chloride Beryllium fluoride 7786814 7787475 7787497 7787555 Bervillium nitrate 7788989 Ammonium chromate 7789006 Potassium chromate 7789062 Strontium chromate 7789095 Ammonium bichromate 7789426 Cadmium bromide 7789437 Cobaltous bromide Antimony tribromide 7789619 7790945 Chlorosultonic acid 8001352 Toxaphene 10022705 Sodium hypochlorite 10025873 Phosphorus oxychloride 10025919 Antimony trichloride Zirconium tetrachloride 10028225 Ferric sulfate 10028247 Sodlum phosphate, dibasic Sodium phosphate, dibasic Aluminum sulfate 10039324 10043013 10045893 Ferrous ammonium sulfate 10045940 Mercuric nitrate Chromous chloride 10099748 Lead nitrate 10101538 Chromic sulfate 10101630 Lead lodide Sodium phosphate, tribasic Uranyl nitrate 10101890 10102064 10102188 Sodium selenite 10102440 Nitrogen dloxide Lead arsenate 10108642 Cadmium chloride 10124502 Potassium arsenite Sodium phosphate, tribasic Sodium phosphate, dibasic Ammonium bisulfite 10124568 10140655 10192300 10196040 Ammonium sulfite Sodium phosphate, tribasic 10361894

Cupric sulfate, ammoniated

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name
10415755	Mercurous nitrate
10421484	
10588019	Sodium bichromate
11115745	
12002038	
12054487	
12125018	
12125029	
12135761	1
12771083	
13597994	
13746899	1
13765190	
13814965	
13826830	
13952846	
14017415	
14216752	
14258492	
14307358	
14307438	
14639975	
14639986	
14644612	
15699180	Nickel ammonlum sulfate
16721805	
16871719	
16919190	
16923958	
25154545	
25154556	
25155300	
25167822	
25168154	
25168267	2,4-D ester
26264062	
27176870	Dodecylbenzenesulfonic acid
27323417	dodecylbenzenesulfonate
27774136	
28300745	
30525894	Paraformaldehyde
36478769	
37211055	
42504461	
52628258	
52740166	
53467111	
55488874	
61792072	
J. JEJIE III	

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10268, Feb. 16, 1979; 44 FR 65400, Nov. 13, 1979; 44 FR 66602, Nov. 20, 1979; 54 FR 33482, Aug. 14, 1989]

PART 117—DETERMINATION OF RE-PORTABLE QUANTITIES FOR HAZ-ARDOUS SUBSTANCES

Subpart A—General Provisions

Sec.

117.1 Definitions.

117.2 Abbreviations.

10380297



FOLLOWING ATTATCHMENTS:

Additional Project References
Proof of CA DIR Registration
Company Overview

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Project References

Client	Contract Years	Scope	Annual \$
County of	2017 - 2023	Glassell Campus – Monthly Inspections	\$40,164.00
Orange	2018 - 2023	Vehicle Maintenance – Monthly Inspections	\$2,900.00
Robert Kmetz	2020 - 2024	County Administration South – Bi-annual Service	\$1,971.00
Facilities	2018 - 2028	Newport Harbor Patrol – Quarterly Service	\$1,752.00
Contracts			Current
Manager			Contracts
(714) 667-3281			
City of	2016 - 2019	3,585 Catch Basin Cleanings Annually with traffic	\$813,477.00
Oceanside	2022 - 2025	control. Work performed between the months of	Current
		July and November annually	Contract
Victor Velasco			
Utilities			
Supervisor			
(619) 373-4747			
City of Carlsbad	2019 - 2023	350 Catch Basin Cleanings Annually	\$87,214.00
		6 HDS Unit Cleanings Annually	Annually
Eric Martinez		Traffic Control	
PW Supervisor		As-needed ER Services	
(760) 450-4359		Work performed in July annually.	
City of Irvine	2023-2026	(14) Contech Cartridge Filter Vaults containing a	\$87,244.00
		total of (160) cartridge filters. Remove and	Annually
Byron Gemmell		replace filters with vault cleaning.	
PW Supervisor			
(949) 724-7691			
LAX – LAWA	2019-2024	As-needed maintenance of storm drain inlets,	\$3,600,000.00
		Drywells, Underground Detention Basins, Porous	Current
Conor Roche		Pavers, and Bioswales. Includes additional	Contract
Maint.		maintenance of (2) Contech Cartridge Filter	
Supervisor		Vaults with (660) Cartridges in one unit and (460)	
(424) 646-7960		in another.	





APPLICATION FOR **PUBLIC WORKS CONTRACTOR REGISTRATION**

Registration Information

Type: Public Works

Period: 07/01/2023 06/30/2026

Contractor Information

Contractor Name: DOWNSTREAM SERVICES, INC.

Trade Name: DOWNSTREAM SERVICES, INC.

License Type Number: 1000004632

Contractor Physical Address

Physical Business Country: United States of America Physical Business City/ ESCONDIDO

Province:

Physical Business Address: 2855 PROGRESS PLACE Physical Business State: CA

Physical Business Postal 92029

Code:

Contractor Mailing Address

Mailing Country: United States of America Mailing City / Province: ESCONDIDO

Mailing Address: 2855 PROGRESS PLACE Mailing State: CA

Mailing Postal Code: 92029

Contact Info

Daytime Phone: Daytime Phone Ext.:

Mobile Phone: Business Email: rebeccad@downstreamservices.co

m

Applicant's Email: rebeccad@downstreamservices.com

State of California (https://www.dir.ca.gov/)

Department Of Industrial Relations (https://www.dir.ca.gov/)

My Registrati...(/registrations/s)

Department of Industrial Relations (DIR) (https://www.dir.ca.gov/dlse/dlse.html)

My Dashboard

Public Works Contractor R ✓

New

Link Existing Registration

Instructions:

- To transfer an active registration from the old system, click Link Existing Registration.
- To start a new application, select from the dropdown menu above and click New.
- To revise the existing registration, click **Update**.
- To edit a saved application, click on the registration number. You cannot edit once the application status is "Submitted", "Payment Pending", "In Review", "Expired", "Resubmitted" or "Renewed".
- To renew an application, click Renew Link will be available 90-days (60-days for Entertainment Work Permit, 60-days for Public Works contractor registration) before the license expiration date, until the expire date.
- To pay registration fees, click the Pay Now link in the Registration # column.
- Car Wash: To complete the registration process, you must print the submitted application or a copy of your email stating your application has been submitted and send it with the <u>IRS Form 8821 (http://www.dir.ca.gov/dlse/IRS8821-Form.pdf)</u>. Upon receipt of the IRS response, please return to attach the IRS Clearance letter to your application. <u>IRS form 8821 Instructions (http://www.dir.ca.gov/dlse/IRS8821-Instructions.pdf)</u>.

Status Definitions

Reload page

Actions	Business Name / Individual Person	Registration #	Registration Type	Submitted Date	Status	Effective Date	Expiration Date	Payment Status	Balance Due	Exam Passed Date
	DOWNSTREAM SERVICES, INC.	1000004632 Update	Public Works	06/02/23	Active	07/01/23	06/30/26	Paid / No Balance Due	0.00	
	DOWNSTREAM SERVICES, INC.	1000004632 Update	Public Works	05/26/21	Active	07/01/21	06/30/23	Paid / No Balance Due	0.00	
	DOWNSTREAM SERVICES, INC.	1000004632 Update	Public Works	05/18/20	Expired	07/01/20	06/30/21	Paid / No Balance Due	0.00	
	DOWNSTREAM SERVICES,	1000004632 Update	Public Works		Expired	07/01/19	06/30/20	Paid / No Balance	0.00	

For support, contact the <u>Labor Commissioner's Office (https://www.dir.ca.gov/dlse/DistrictOffices.htm)</u>

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Workers' Compensation

Professional Employer Organization (PEO)

Do you lease employees through Professional Employer Organization? No

Workers' Compensation Overview

Carrier: TRAVELERS INSURANCE Inception Date: 10/24/2022

Policyholder Name: DOWNSTREAM SERVICES, INC. Expiration Date: October 24, 2023

Policy Number: UB-3R104531-22-26-G

Certification

Yes I certify that I do not have any delinquent liability to an employee or the state for any assessment of back wages or related damages, interest, fines, or penalties pursuant to any final judgment, order, or determination by a court or any federal, state, or local administrative agency, including a confirmed arbitration award

Yes I certify that the contractor is not currently debarred under Section 1777.1 or under any other federal or state law providing for the debarment of contractors from public works.

Yes I certify that one of the following is true: (1) I am licensed by the Contractors State License Board (CSLB) in accordance with Chapter 9 (commencing with Section 7000) of the Business and Professions Code; or (2) my business or trade is not subject to licensing by the CSLB.

I understand refunds are not authorized

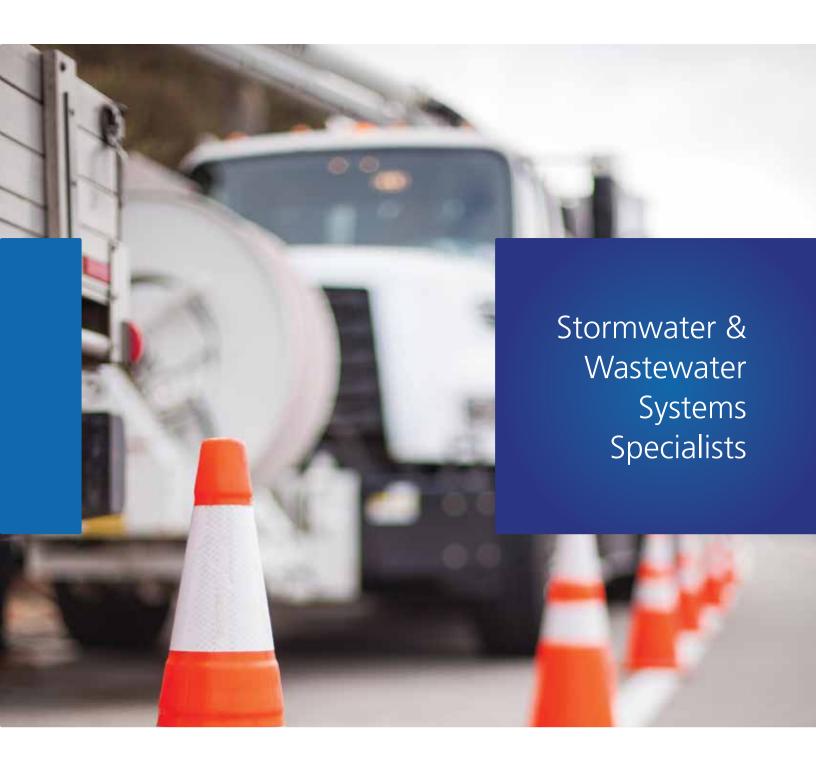
I, Rebecca Dennis, the undersigned, am, DOWNSTREAM SERVICES, INC. with the authority to act for and on behalf of the above named contractor. I certify under penalty of perjury that all of the above information provided is true and correct. I further acknowledge that any untruthful information provided in this application could result in the certification being canceled.

I certify this on: 1:38 PM

Legal Entity Information

Legal Entity Type: Corporation

Name: DOWNSTREAM SERVICES, INC.







Trained and Certified per OSHA and EM 385 Standards

Contact us for a complete list of current licenses and certifications

Downstream Services is a certified small business enterprise and general engineering firm with offices in San Diego and Ventura counties.



FOR MORE THAN 20 YEARS

Downstream Services has continuously provided critical solutions in environmental compliance. We are the defenders of our water resources and the life it supports.

Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen and understand our customers, we ensure the best possible outcome on every project, regardless of its size or complexity.

KEY SERVICES

Downstream Services specializes in the assessment, maintenance and rehabilitation of stormwater, wastewater and underground utility systems.



PIPELINE ASSESSMENT + MAINTENANCE

CCTV pipeline inspection, PACP condition assessment, pipeline cleaning, hydrojetting and manhole inspection

STORMWATER COMPLIANCE + POLLUTION PREVENTION

Assessment and maintenance of conveyance systems, inspection and cleaning services, compliance recommendations and guidelines



UNDERGROUND SERVICES + TRENCHLESS TECHNOLOGIES

UV GRP pipeline rehabilitation, installation and repair of wet utilities

INSTRUMENTATION + PUMP STATION MAINTENANCE

Installation and maintenance of pump stations and flow monitoring



ENDORSED AND LICENSED

Downstream Services provides efficient and safe solutions for waste removal and is endorsed to handle, transport and dispose of contaminated and non-contaminated waste. Contact us for a complete list of current licenses and certifications.

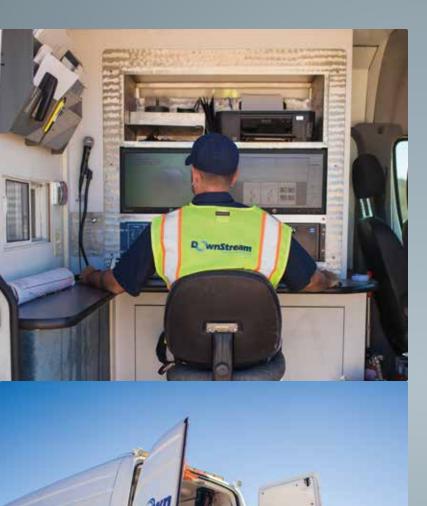


Condition Assessment Fleet & Capabilities

- CCTV Inspection Camera Systems for Lines
 6" and Larger in Diameter
- Large Diameter Line Inspection Float Transporters
- Storm Drain Camera Transporters
- Push Camera Systems for Lateral Inspection
 2" 6" in Diameter
- Long Range Sonar Inspection Unit
- Manhole Inspection System

+ CONDITION ASSESSMENT

With its extensive fleet of CCTV inspection vehicles, equipment and certified, highly skilled team members, Downstream Services has the resources and expertise to inspect and assess wastewater collection and stormwater conveyance systems accurately and efficiently.



Our NASSCO PACP, LACP and MACP certified technicians deliver real-time video/audio documentation and analysis reports to assist our clients in planning needed maintenance and rehabilitation projects.

LATERALS PIPELINES MANHOLES

Downstream Services inspection systems are capable of articulating in adverse pipe conditions ranging from 3 to 200 inches in diameter and up to 6,000 feet in length.

Our long range CCTV and sonar equipment extends assessment capabilities to provide detailed information on charged pipelines with cross-sectional scans and calculation of a structure's total volume of sediment and debris in varying flow conditions—information that is critical to assessing the performance and health of large diameter pipelines.

PIPELINE CLEANING + MAINTENANCE

HYDROJETTING

With units capable of water pressures up to 4000psi at 180gpm, we combine vacuum and water technology for effective cleaning, scouring of tuberculation, rust and root removal. Our trucks are equipped with recycling, dewatering and compaction capabilities to increase productivity, create dryer payloads and lower disposal costs.

MECHANCIAL BUCKET CLEANING

Solid debris that cannot be effectively removed through hydrojetting is remedied by special heavy duty cable and bucket machines that can muscle 10,000 lbs of pull at a distance of 400 feet.



The crew that came out are extremely impressive! A job well done! We will definitely be using your firm again.



TRENCHLESS PIPELINE REHABILITATION

Downstream Services in an authorized installer of Alphaliner® ultraviolet light glass reinforced pipe (UV GRP) from Reline America®. This trenchless pipeline renewal method is designed for the rehabilitation of lines ranging from 6" to 72" inches in diameter.

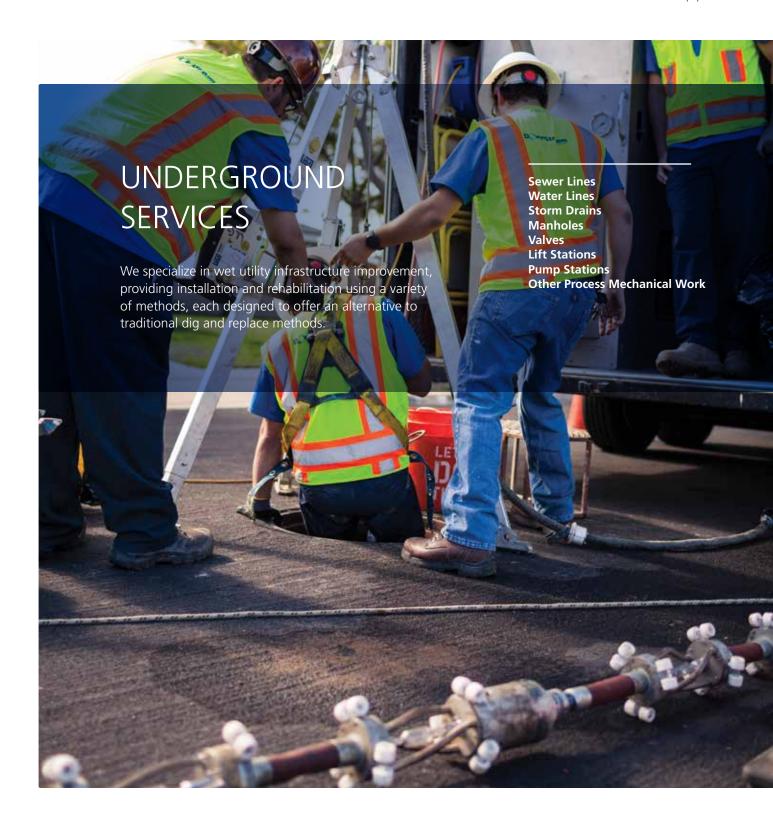


Alphaliner® UV GRP

Possesses superior structural strength with a 50+ year performance life. It's speed, simplicity and ease of installation limits community impact and delivers exceptional ROI.

Alphaliner is an environmentally-friendly solution with no release of styrene condensate, no liquid waste, low energy consumption and less construction noise.

The Quality Tracker SystemTM monitors the installation process and liner integrity prior to and throughout the curing process to ensure installation quality and a sustainable performance of the liner.





STORMWATER SOLUTIONS

Downstream Services strives to ensure the sustainability of our waterways for future generations by addressing pollution prevention, establishing Preventative Maintenance Programs (PMP), Treatment Control Programs (TCP) and providing ongoing education to our staff and clients.

In accordance with the Clean Water Act (CWA) and National Pollutant Discharge Elimination System Permit Program (NPDES), we have established a dedicated division to assist clients with compliance of Federal, State and local regulations.





Biological Swales

Detention and Retention
Basins

Filter Sales and Installation
Green Infrastructure
Hydrodynamic Separator
Units (HDS)
Isolator Rows
Pervious Surfaces



LET US GUIDE YOU

The NPDES permit controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

The State of California has been delegated to implement the permit through the State Water Board and the nine Regional Water Quality Control Boards.

These laws were established to ensure that point source systems (WQMP/SUSMP/SWMP/SWPPP/MS4) are effectively removing contaminants that would otherwise drain into our waterways.

Scheduled inspection and maintenance of stormwater conveyance systems is not only required, but is also important to effectively sustain our water resources.

Our certified professionals in Stormwater Quality will customize a program to include the following:

- Assessment of the Storm Water Conveyance System
- TCBMP Recommendations and Guidelines
- Inspection, Post-Construction Installation and Cleaning Services
- Lab Analysis, Disposal and Manifesting
- Compliance and Annual Maintenance Verification Forms

We offer a no-obligation site inspection to verify property needs and requirements.

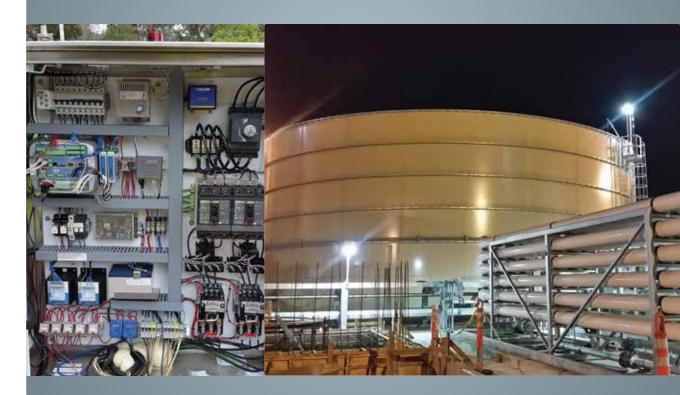
INSTRUMENTATION + PUMP STATION MAINTENANCE

Downstream Services plans and implements preventative maintenance programs and engineered assessment for sewer and storm drain pump stations.

We design, build and maintain pump stations using the latest industry standards and best practices.

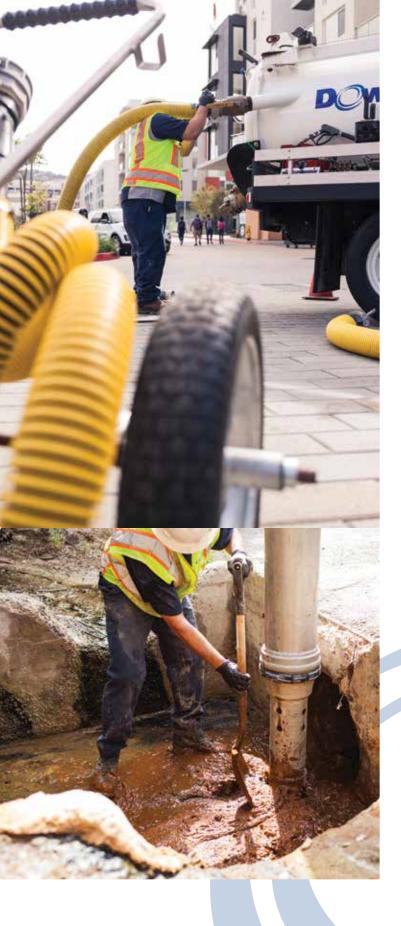
Technicians are available 24/7 to respond to emergency pump station and instrumentation issues.

- PM PROGRAM PLANNING & IMPLEMENTATION
- TEMPORARY & PERMANENT FLOW MONITORING
- TROUBLESHOOTING STATION CONTROL ISSUES
- PUMP STATION INSTALLATION REPAIR & REPLACEMENT



FLOW MONITORING

We have the latest in flow monitoring technology that allows us to monitor and record flows for all fluid process and waste flows. We can temporarily or permanently monitor both gravity and forced main applications.



Downstream Services is currently listed as a "Special Emergency Response Team" with various agencies, including the Department of the Navy, California Department of Transportation, Municipal and private organizations.

EMERGENCY RESPONSE

Downstream Services provides emergency services for stormwater, wastewater and water systems 24 hours a day, seven days a week.

With the ability to mobilize vehicles and equipment within two hours or less, we can provide:

- Confined Space and SCBA Entries
- Hydro-Jetting, Vacuum Cleaning and Containment
- Real-Time CCTV Inspections
- Location, Assessment and Remediation of Breaks, Blockages and Overflows
- Investigation of Sink Holes
- Storm Drain Cleaning from Illicit Dumping
- Emergency Bypass Pumping
- Assessment, Replacement and Repair of Underground Utilities
- Instrumentation Analysis and Repair
- Pump and Process Systems Analysis and Repair

As a precautionary measure, Downstream Services maintains a standard Sanitary Sewer Overflow (SSO) operating procedure which serves as a guideline to assist and mitigate spill containment.

DOWNSTREAMSERVICES.COM



GRIT.INTEGRITY.EXPERTISE.FAMILY.



NOTICE TO ALL BIDDERS

Completion and submittal of all enclosed forms including, but not limited to sheets BF-9 & BF-10 is required and must be included with original bid. Failure to submit the required documents shall be deemed as an incomplete bid and shall not be considered by City as a valid bid.

BID FORM

Bid Date: August 2, 2023 July 28, 2023

Time: 5:00 p.m. (PST)

Place: 101 North "D" Street, Perris, CA - Online through Active Bidder

Project: Storm Drain System Maintenance, Inspection, and Related Services (Spec. No. #FCD1-

2023-24-01)

TO THE CITY OF PERRIS, hereinafter called the Agency, the undersigned, as Bidder, declares that he has carefully examined the location of the project, that he has examined the plans and specifications and addenda (if any), and has read the Information for Bidders, and hereby proposes and agrees, if this bid is accepted, to furnish all materials to do all work required to complete the said plans and specifications in the time and manner herein prescribed for the Bid Price set forth in the Schedule of Bid Items.

Proposal of	, herein	after called "	Bidder", or	ganized and ex	xisting
under the laws of the State of		,	doing	business	as
Insert "a c	corporation", "a part	nership", "a j	oint venture	", or "an indivi	idual",
as applicable.					

No separate payment will be made for any item that is not specifically set forth in the Schedule of Bid Items. All costs, therefore, shall be included in the prices named in the Schedule of Bid Items for the various appurtenant items of work. In case of discrepancy between words and figures, words shall prevail.

By submission of this Bid, each Bidder certifies, and in the case of a joint Bid, each party thereto certifies, as to his own organization that this Bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this Bid with any other Bidder or with any competitor. Since time is of the essence, Bidder hereby agrees to commence work under this Contract on September 11, 2023, and to fully complete all work on or before the time periods specified in the Contract Documents after receiving the Notice to Proceed. The Bidder agrees that failure to complete work within the time allowed will result in damages being sustained by the City. Bidder and City agree that failure to complete the project will result in inconvenience to the citizens of PERRIS. The parties also agree that failure to complete the project on time will prevent the City from having use of the affected facilities. Therefore, the parties agree such damages among others are, and will continue to be, impracticable and extremely difficult to determine, but that \$500 a calendar day is the minimum value of such costs to the City and is a reasonable amount that the Bidder agrees to reimburse the City for each calendar day of delay in finishing the work in excess of the time specified for completion, plus any authorized time extensions. Execution of the contract under these specifications shall constitute agreement by the Bidder and the City that the above indicated liquidated damage amount per calendar day is the minimum value of the costs and actual damage caused by failure of the Bidder to complete the work within the allotted time, that such sum is liquidated damages and shall not be construed as a penalty, and that such sum may be deducted from payments due the Bidder if such delay occurs. Said amount may be reduced by the City if work is sufficiently completed within the allotted time so that the damages are minimized. The undersigned, as Bidder proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the following prices, to wit:

STORM DRAIN SYSTEM MAINTENANCE, INSPECTIONS AND RELATED SERVICES (SPEC.#FCD 1-2023-24-01)

Schedule of Bid Items

		Schedule 0	i bia items			
Bidder (Co	ompany	[,] Name):			Type text here	
The bid prices stated below shall include all cost for profit, overhead, material, labor, transportation, taxes, installation work and all other incidental cost and work that are necessary to complete all items as specified on the project plans and delineated in the project specifications ready for use by the City. "Unit Price" will be calculated to include the number of cleanings required per year. Costs may escalate annually after the second year during the extension periods based on the "Common Labor, Construction Cost Index", as published by Engineering News-Record (ENR), in subsequent years, Consumer Price Index (CPI) or 3% whichever is lower, for the two 1-year extension periods. Note: *Unit Price to be the total yearly amount as noted in the "Item Description" (either once, twice, or three times).						
		BASE BID S	SCHEDULE			
ITEM QL	(A) IMATED ANTITY ID UNIT	(B) ITEM DESCRIPTION	(C) UNIT PRICE (Figures)		= Yearly Price (Figures) (AxC)	
,	Bid Schedule - North A. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]					
Bid Uni Item #	t	Item Description	Unit Price*		Total Cost	
1. 340 EA	339	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>149.00</u>	_/E.A.	\$ 50,660.00	
2. 340	339	Inspect, photo document.	\$ 2.00	/E.A.	\$ 680.00	

BF-2A

and log conditions before and

after cleaning of catch basins and Inlets, per plans and

EΑ

		year)		
3.	242 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	<u>\$ 225.00</u> /E.A.	\$ <u>54,450.00</u>
4.	242 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ 726.00
5.	1 EA	Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>2400.00</u> /E.A.	\$ <u>2,400.00</u>
6.	1 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ 3.00
7.	541 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>18.00</u> /E.A.	\$ 9,738.00
8.	144 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>30.00</u> /L.F.	\$ 4,320.00
9.	8 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and	\$ 2.00 /E.A.	\$ 16.00

		specifications (2 times per year)		
10.	83,865 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under, per plans and specification (once-every two years)	\$ <u>3.25</u> /L.F.	\$272,561.25
11.	27,112 27,356 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once-every two years)	\$4.00 /L.F.	\$ <u>108,448.00</u>
12.	110,977 111,221 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once- every two years)	\$ <u>2.00</u> /L.F.	\$ 221,954.00
13.	12,980 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once- every two years)	\$ <u>5.00</u> /L.F.	\$ <u>64,900</u>
14.	12,980 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ 25,960.00
15.	12 EA	Remove and dispose of debris from Hydrodynamic Separator, CDS Model PSW 30-30 (CDS3030) per plans	\$ 3,850.00 /E.A.	\$ <u>46,200.00</u>

BF-2C

and specifications (annually once-every two years)

16.	12 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic separators, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually oncevery two years)	\$ <u>150.00</u> /E.A.	\$ 1,800.00
17.	4 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 5000 (VX5000) per plans and specifications (annually oncevery two years)	\$ <u>3,850.00</u> /E.A.	<u>\$ 15,400.00</u>
18.	4 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separators, Model Vortech 5000 (VX5000) per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>600.00</u>
19.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually once-every two years)	\$ <u>3,850.00</u> /E.A.	\$ 3,850.00
20.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and	\$ <u>150.00</u> /E.A.	\$ 150.00

BF-2D

specifications (annually onceevery two years)

21.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually oncevery two years)	\$ 3850.00 /E.A.	\$ <u>7,700</u>
22.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually oncevery two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
23.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually once-every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
24.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually oncevery two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
25.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once-every two years) BF-2		\$ <u>11,550.00</u>

Date: 7/27/2023

31.	1 LS	Jetter/Vacuum Truck –	\$/L.S.	\$
		log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)		
30.	1 EA	Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years) Inspect, photo document and	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
29.	1 EA	Remove and dispose of debris from, Hydrodynamic	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
20.		log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually oncevery two years)	·	-
28.	1 EA	every two years) Inspect, photo document and	ς 150.00 /F Δ	خ 150.00
27.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually once-	\$ 3,850.00 /E.A.	ş <u>3,830.00</u>
		log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually once every two years)		
26.	3 EA	Inspect, photo document and	\$ 150.00 /E.A.	\$ <u>450.00</u>

B. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

BiBid leltem #	Unit	Item Description	Unit Price*	Total Cost
-331. 32.	340 339 -EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>149.00</u> /E.A.	\$ 50,660.00
32. 33.	340 339 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>680.00</u>
33. 34.	242 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ 225.00 /E.A.	\$ 54,450.00
34. 35.	242 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>726.00</u>
35. 36.	1 EA	Remove and dispose of debris from catch basins with REM Units, per plans and specifications (3 times per year)	\$ 2400.00 /E.A.	<u>\$ 2,400.00</u>
—36. 37.	1 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with REM Units, per plans and specifications (3 times per year)	\$ <u>9.00</u> /E.A.	\$_9.00
37. 38.	541 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ <u>18.00</u> /E.A.	\$ <u>9,738.00</u>

BF-2G

–38. ₹	144 LF	Remove and dispose of debris \$/L.F. \$\frac{4,320.00}{}
		from under sidewalk drain, per plans and specifications (2 times per year)
—39. 4	10. 144 LF	Inspect, photo document, and \$2.00 /L.F. \$288.00 log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)
40.	12 EA	Remove and dispose of debris \$\frac{3,850.00}{2} / E.A. \$\frac{46,200.00}{2} from Hydrodynamic Separator, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually)
41.	12 EA	Inspect, photo document, and \$\frac{150.00}{2.A.} \(\frac{1,800.00}{2.A.} \) log conditions before and after cleaning of Hydrodynamic separators, CDS Model PSW 30-30 (CDS3030) per plans and specifications (annually)
42.	4 EA	Remove and dispose of debris \$\frac{3,850.00}{2} / E.A. \$\frac{15,400.00}{2} from Hydrodynamic Separator, Model Vortech 5000 (VX5000) per plans and specifications (annually)
43.	4 EA	Inspect, photo document, and \$\frac{150.00}{2.A.} \\$600.00 log conditions before and after cleaning of Hydrodynamic Separators, Model Vortech 5000 (VX5000) per plans and specifications (annually)
44.	1 EA	Remove and dispose of debris $\frac{3,850.00}{\text{From Hydrodynamic}}$ /E.A. $\frac{3,850.00}{\text{From Hydrodynamic}}$

BF-2H

Date: 7/27/2023

Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually)

4 45.	1 EA	Inspect, photo document, and	\$ 150.00 /E.A.	\$ 150.00
		log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 3000 (VX3000) per plans and specifications (annually)		
46.	2 EA	Remove and dispose of debris	\$ <u>3,850.00</u> _/E.A.	\$ <u>7,700.00</u>
		from Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually)		
47.	2 EA	Inspect, photo document, and	\$_150.00/E.A.	\$ 300.00
		log conditions before and after cleaning of		
		Hydrodynamic Separator, Model Vortech 9000 (VX9000) per plans and specifications (annually)		
48.	1 EA	Remove and dispose of debris	\$3,850.00 /E.A.	\$ 3,850.00
		from Hydrodynamic Separator, Model CDS Unit PMSU 20-25 (CDS2025) per plans and specifications (annually)		
49.	1 EA	Inspect, photo document, and	\$_150.00/E.A.	\$ 150.00
		log conditions before and after cleaning of		
		Hydrodynamic Separator, Model CDS Unit PMSU 20-25		
		(CDS2025) per plans and		
		specifications (annually)		

50.	3 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)	\$ 3,850.00	_/E.A.	\$ <u>11,550.00</u>
51.	3 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 16000 (VX16000) per plans and specifications (annually)	\$ 150.00	_/E.A.	\$450.00
52.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)	\$ <u>3,850.00</u>	_/E.A.	\$ 3,850.00
53.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 7000 (VX7000) per plans and specifications (annually)	\$ <u>150.00</u>	_/E.A.	\$ <u>150.00</u>
54. 9.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)	\$ <u>3,850.00</u>	_/E.A.	\$ 3,850.00
55.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually)	\$ 150.00	_/E.A.	<u>\$ 150.00</u>
- 41. 32.	1 LS -	Jetter/Vacuum Truck – (In Words) Emergency Work (100 Hrs.)	\$ <u></u>	/L. s	(in Figures)

Subtotal North ((Bid Items #1-

ONE MILLION ONE HUNDRED FORTY THOUSAND, EIGHTY SEVEN DOLLARS AND TWENTY FIVE CENTS (In Words)

\$1,140,087.25	
(In Figures)	

55 41)

2) Bid Schedule - SOUTH

C. YEAR 1 [and Year 3 (first year of the two 1-year contract extensions)]

Bid Item #	Unit	Item Description	Unit Price*	Total Cost
56. 4 2.	523 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ <u>149.00</u> /E.A.	\$ <u>77,927.00</u>
57. 4 3.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins, per plans and specifications (2 times per year)	\$ 2.00 /E.A.	\$ 1,046.00
58. 4 4.	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ 225.00 /E.A.	\$26,775.00
59. 4 5.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$ <u>3.00</u> /E.A.	\$ <u>357.00</u>
60. 4 6.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and specifications (2 times per year)	<u>\$ 1600.00</u> /E.A.	\$ <u>4,800.00</u>

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61. 4 7.	3 EA	Inspect, photo document, and	\$2.00 /E.A	. \$ <u>6.00</u>
		log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2 times per year)		Type text here
62. 4 8.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>1000.00</u> /E.A	. \$ <u>8,000.00</u>
63. 4 9.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A	. \$ <u>16.00</u>
64. 50.	599 EA	Provide and install painted stencil message per plans and specifications (annually)	\$ <u>18.00</u> /E.A	. \$ <u>10,782.00</u>
65. 51.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>30.00</u> _/L.	F. \$ <u>9,360.00</u>
66. 52.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.	A. \$ <u>28.00</u>
67.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 (3640WQA) per plans and specifications (annually)	\$ <u>3,850.00</u> /e.a.	<u>\$11,550.00</u>

68.	3 EA	Inspect, photo document, and	\$/[E.A.	\$ 450.00
		log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 (3640WQA) per plans and specifications (annually)			
69.	1 EA	Remove and dispose of debris	\$3,850.00 /E	E.A.	\$ 3,850.00
		from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually)			
70.	1 EA	Inspect, photo document, and	\$ <u>150.00</u> /	E.A.	\$ 150.00
		log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually)			
71.	2 EA	Remove and dispose of debris	\$ <u>3,850.00</u> /	E.A.	\$ 7,700.00
		from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)			
72.	2 EA	Inspect, photo document, and	\$ <u>150.00</u> /	E.A.	\$ 300.00
		log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually)			
73.	1 EA	Remove and dispose of debris	\$ <u>3,850.00</u> /	E.A.	\$ 3,850.00
		from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)			
74.	1 EA	Inspect, photo document and	\$ <u>150.00</u> /	E.A.	\$ 150.00
		log condition before and after			

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cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually)

75 .	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$3,850.00 /E.A.	\$3,850.00
76.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ 150.00
77.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$3,850.00 /E.A.	\$ <u>3,850.00</u>
78.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually)	\$ 150.00 /E.A.	\$ <u>150.00</u>
79.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans specifications (annually)	\$3,850.00 /E.A.	\$3,850.00
80.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>

11000 (VX11000) per plans and specifications (annually)

81.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans specifications (annually)	\$3,850.00 /E.A.	\$ <u>3,850.00</u>
82.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
83.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$3,850.00 /E.A.	<u>\$7,700.00</u>
84.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
85.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually)	\$3,850.00 /E.A.	\$ <u>3,850.00</u>
86.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, BF-20		\$ <u>150.00</u>

Addendum A Date: 7/27/2023 Model Vortech Unit 16000 (VX16000) per plans and specifications (annually)

87.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
88.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
89.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$3,850.00 /E.A.	\$ <u>3,850.00</u>
90.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	\$ 150.00
91.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
92.	2 EA	Inspect, photo document and log conditions before and	\$ 150.00 /E.A.	\$ <u>300.00</u>

after cleaning of Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and Specifications (annually)

D. YEAR 2 [and Year 4 (second year of the two 1-year extensions)]

93. 54.	523 EA	Remove and dispose of debris from catch basins and Inlets, per plans and specifications (2 times per year)	\$ 149.00 /E.A.	\$ 77,927.00
94. 55.	523 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins and inlets, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.A.	\$ <u>1,046.00</u>
95. 56.	119 EA	Remove and dispose of debris from catch basins with CPS Units, per plans and specifications (3 times per year)	\$ 225.00 /E.A.	\$ <u>26,775.00</u>
96. 57.	119 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with CPS Units, per plans and specifications (3 times per year)	\$3.00 /E.A.	\$ <u>357.00</u>
97. 58.	3 EA	Remove and dispose of debris from catch basins with REM inlet filter Units, per plans and	\$ <u>1600.00</u> /E.A.	\$ <u>4,800.00</u>

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98. 59.	3 EA	specifications (2 times per year) Inspect, photo document, and log conditions before and after cleaning of catch basins with REM inlet filter Units, per plans and specifications (2	\$ <u>2.00</u> /E./	A . :	\$ 6.00
99. 60.	8 EA	Remove and dispose of debris from catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>1000.00</u> /E./	A. :	<u>\$</u> 8,000
100. 61.	8 EA	Inspect, photo document, and log conditions before and after cleaning of catch basins with ARS Screen and REM inlet Units, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E.	A . :	<u>\$</u> 16.00
101. 62.	599 EA	Provide and install painted stencil message, per plans and specifications (annually)	\$ 18.00 /E.	A . :	<u>\$</u> 10,782.00
102. 63.	312 LF	Remove and dispose of debris from under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>10.00</u> /L	F. :	<u>\$</u> 3,120.00
103. 64.	14 EA	Inspect, photo document, and log conditions before and after cleaning of under sidewalk drain, per plans and specifications (2 times per year)	\$ <u>2.00</u> /E	E.A. :	<u>\$</u> 28.00
104. 65.	101,902 101,906 LF	Remove and dispose of debris from all structures and pipe 36" in Diameter and Under, BF-2F		F. :	\$ <u>331,181.50</u>

per plans and specification (once-every two years)

105. 66.	18,739 18,736 LF	Remove and dispose of debris from all transitions and pipe Over 36" in Diameter, per plans and specification (once- every two years)	\$ <u>4.00</u> /L.F.	\$_74,956.00
106. 67.	120,641 120,645 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all pipe dimensions, per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ 241,282.00
107. 68.	10,560 10,834 LF	Remove and dispose of debris from all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>5.00</u> /L.F.	\$ <u>52,800.00</u>
108. 69.	10,560 10,834 LF	Inspect, video document (CCTV Inspection), and log conditions after cleaning of all Reinforced Concrete Box (RCB), per plans and specifications (once-every two years)	\$ <u>2.00</u> /L.F.	\$ <u>21,120.00</u>
109. 70.	3 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #36 #30 (3640WQA) per plans and specifications (annually once-every two years)	\$ <u>3,850</u> /E.A.	\$ <u>11,550.00</u>
110. 71.	3 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #36 #30 (3640WQA) per plans	\$ <u>150.00</u> /E.A.	\$ <u>450.00</u>

and specifications (annually once-every two years)

111. 72.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, model ADS Unit #42 (4240WQA) per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
112. 73.	1 EA	Inspect, photo document, and log before and after cleaning conditions of hydrodynamic separators, Model ADS Unit #42 (4240WQA) per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
113. 74.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
114. 75.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech 4000 (VX4000) per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
115. 76.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>

116. 77.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 5000 (VX5000) per plans and specifications (annually oncevery two years)	\$ 150.00 /E.A.	\$ 150.00
117.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ 3,850.00
118.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model 9000 (VX9000) per plans and specifications (annually)	\$ <u>150.00</u> /E.A.	<u>\$ 150.00</u>
119. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS60 per plans and specifications (annually)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
120. 79.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Vortech Model Vortsentry VS60 per plans and specifications (annually oncevery two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
121. 80.	1 EA	Remove and dispose of debris from, Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$3,850.00 /E.A.	\$ 3,850.00

122. 81.	1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Model Vortech 11000 (VX11000) per plans and specifications (annually once-every two years)	\$ 150.00 /E.A.	\$ <u>150.00</u>
123. 82.	1 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>3,850.00</u>
124. 83.	1 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Vortsentry VS70 per plans and specifications (annually oncevery two years)	\$ <u>150.00</u> /E.A.	\$ <u>150.00</u>
125. 84.	2 EA	Remove and dispose of debris from Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually once- every two years)	\$3,850.00 /E.A.	\$ <u>7,700.00</u>
126. 85.	2 EA	Inspect, photo document, and log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 7000 (VX7000) per plans and specifications (annually oncevery two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
127. 86.	1 EA	Remove and dispose of debris from Hydrodynamic		\$ <u>3,850.00</u>

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Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually once-every two years)

Inspect, photo document, and \$150.00 \$ 150.00 /E.A. **128.87.** 1 EA log conditions before and after cleaning of Hydrodynamic Separator, Model Vortech Unit 16000 (VX16000) per plans and specifications (annually onceevery two years) Remove and dispose of debris $\frac{3.850.00}{}$ /E.A. **\$ 3,850.00 129.88.** 1 EA from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually onceevery two years) \$ 150.00 **130.89.** 1 EA Inspect, photo document and /E.A. log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-15000 JPHV-8X7-10X5 per plans and specifications (annually onceevery two years) Remove and dispose of debris \$3,850.00 /E.A. \$3,850.00 **131. 90.** 1 EA from Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-**10X8** per Specifications (annually once-every two vears)

BF-2W

132. 91. 1 EA	Inspect, photo document and log condition before and after cleaning of Hydrodynamic Separator, Jensen Precast Storm Water Interceptor Model JPHV-20000 JPHV-8X7-10X8 per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ 150.00
133. 92. 2 EA	Remove and dispose of debris from Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually once- every two years)	\$ <u>3,850.00</u> /E.A.	\$ <u>7,700.00</u>
134. 93. 2 EA Type text here	Inspect, photo document and log conditions before and after cleaning of Hydrodynamic Separator, Vortech System 1000 (VX1000) per plans and specifications (annually once-every two years)	\$ <u>150.00</u> /E.A.	\$ <u>300.00</u>
94. 1LS	Jetter/Vacuum Truck – Emergency Work (100 Hrs.)	\$/L.S.	\$
Subtotal SOUTH (Bid Items # 56-1 3 42-94)	OUT HOUSE WANTANDE	020,	196.50 (In Figures)
STORI	<u>GRAND TOTAL BID AM</u> M DRAIN SYSTEM MAINTENANCE, I (SPEC.#FCD 1-2	NSPECTIONS AND REL	ATED SERVICES
GRAND TOTA	AL ALL BID SCHEDULES #1-#2 IT	EMS (1 through 134	\$

Addendum A Date: 7/27/2023

94)	2	,277,380.75
		(In Figures)
WO MILLION, TWO HUNDRED SEVENT	Y SEVEN THOUSAND, THREE HUNDRE	ED EIGHT DOLLARS, SEVENT
IVE CENTS	(In Figures, Cont'd)	
	EDULES #1-#2 ITEMS (1 through 134	<u></u>
94)	-	(In Words)
	(In Words, Cont'd)	Type text here

Please note the following regarding bids:

- At the sole and absolute discretion of the Agency City, Award if made, will be made to one (1) lowest and responsible bidder based upon lowest total of all bid items within Base Bid shown on the North and South Maintenance Area Map, and Additive Alternative Supplemental Bid Schedules #1-#2 (Items #1-#134 94), combined; or will be made to two (2) separate lowest and responsible bidders, based upon the lowest total of all bid items shown on the North Maintenance Area Map Bid Schedule #1 (Items #1-#55 41), combined; and the lowest total of all bid items shown on the South Maintenance Area Map Bid Schedule #2 (Items #56-#134 #42-#94), combined. The Agency shall have the sole and absolute discretion to determine the best combination of individual awards that shall serve the Agency's best interest. It shall be at the City's sole discretion to determine the sequencing of the award of the geographic areas to either one or two individual bidders, which shall serve the City's best interest.
- B. The Grand Total Bid Amount stated above shall include all work and cost for work as specified on the project plans and delineated in the project specifications, whether specifically listed above or not, and all other incidental and appurtenant work that is necessary to complete the specific items of work including Bidder's overhead and mark- up, purchase of materials, tools and equipment, taxes, and all other taxes and fees, transportation cost, permit fees, testing laboratory cost, and all other costs made necessary by the Contract Documents to provide the Agency City of Perris with a complete operational and facility meeting the approval of the Agency City of Perris and other agencies having jurisdiction over the project.
- **C.** Bid is for a project complete-in-place.
- **D.** Bid shall include all sales tax, and all other taxes and fees.
- **E.** The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he

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will accept in full payment thereof the following prices as set forth in Bid Schedules.

- F. The quantities above are approximate only and are given for the purpose of comparison only, payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities shall require verification by **Agency**-City, and a written change order will be required prior to payment. Upon receipt of the Notice of Award, Contractor shall submit to the City for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the **Agency** City to determine partial payments.
- G. If awarded this contract, the Bidder agrees to execute the Contract and submit the Labor and Materials Payment Bond, Contract Performance Bond, and Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract, Bond, and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Bidder's failure to execute a written agreement to perform the work at his Bid Price.
- **H.** The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

The undersigned, as Bidder, proposes and agrees, if the proposal is accepted, that he will execute a Contract with the Agency in the form set forth in the Contract Documents and that he will accept in full payment thereof the preceding prices as a forth in Bid Schedules.

Quantities above are for the purpose of comparison only and payments will be made on the basis of actual measurement of work completed. Measurements which vary from estimated quantities, shall require verification by City, and a written change order will be required prior to payment. For quantities indicated as lump sum, Contractor shall be paid at the Contract per lump sum price indicated, and shall include full compensation for all work and no additional compensation will be allowed thereof. Where discrepancies occur between words and figures, the words shall govern. Upon receipt of the Notice of Award, Contractor shall submit to the Agency for approval, a detailed breakdown of the Contractor's cost estimate into the various elements of materials and construction operations. When approved, this breakdown will serve as a basis for the Agency to determine partial payments.

If awarded this contract, the Bidder agrees to execute the Contract and submit the Insurance Certificates on the required forms within ten (10) calendar days from the date of the Notice of Award. The Notice of Award shall be accompanied by the necessary Contract and Insurance Certificate forms. In case of failure of the Bidder to execute the Contract, the Agency may at his option consider the Bidder in default, in which case the Bid Bond, or any deposit in lieu thereof, accompanying the proposal shall become the property of the Agency. Forfeiture of the Bid Bond, or any deposit in lieu thereof, does not preclude the Agency from seeking all other remedies provided by law to recover losses sustained as a result of the Contractor's failure to execute a written agreement to perform the work at his Bid Price.

The Bidder's execution on the signature portion of this proposal shall also constitute an endorsement and execution of those certifications which are a part of this Proposal.

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The bidder, proposed	subcontractor,
hereby certifies that he has, has not_	,participated in a previous contract or
subcontract subject to the equal opportunity	clause, as required by Executive Orders
10925, 11114, or 11246, and that, where requ	uired, he has filed with the Joint Reporting
Committee, the Director of the Office of F	Federal Contract Compliance, a Federal
Government contracting or administering agen	cy, or the former President's Committee on
Equal Employment Opportunity, all reports due	e under the applicable filing requirements.

NOTE: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41CFR 60-1.7(b)(1), and must be submitted by Bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in

41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt).

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract, subject to the Executive Orders, and have not filed the required reports should note that 41 CFR 60-1.7 (b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

Noncollusion Affidavit

(Title United States Code Section 112 and Public Contract Code Section 7106)

In accordance with Title 23 United States Code Section 112 and Public Contract Code 7106 the bidder declares that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the pubic body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid or true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

Note: The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

DEBARMENT AND SUSPENSION CERTIFICATION

(Title 49, Code of Federal Regulations, Part 29)

The Bidder, under penalty of perjury, certifies that, except as noted below, he/she or any person associated therewith in the capacity of owner, partner, director, office manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- Has not been suspended, debarred, voluntary excluded or determined ineligible by any federal agency within the past 3 years;
- Does not have a proposed debarment pending; and
- Has not be indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any manner involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.
Exceptions will not necessarily result in denial of award, but will be considered in determining Bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Note: Providing false information may result in criminal prosecution or administrative sanctions.

The above certification is part of the Proposal. Signing this proposal on the signature portion thereof shall also constitute signature of this Certification.

BF-5

ım A

NON LOBBYING CERTIFICATION FOR FEDERAL AID CONTRACTS

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan or cooperative agreement.
- (2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form LLL, "Disclosure of Lobbying Activities", in accordance with its instructions.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, and U.S. Code. Any person who fails to file the required certifications shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such sub-recipients shall certify and disclose accordingly.

150

The prospective participant certifies, by signing and submitting this bid or proposal, agrees to indemnify City and hold it harmless against any liability arising from site investigation, testing or inspection.

Type text here

	08/02/23	
Name (please print)	Date of Inspection	
Bidder acknowledges receipt of	of the following Addenda:	
#1	Dated _08/02/23	
	Detect	
	D-4d	
NAME OF	BIDDER:	
NAME AND TITLE OF SIGNIN	NG PARTY:	
SIGNATURE OF	BIDDER:	
SIGNATURE OF	BIDDER.	
	Contractor's California License No.	
(CORPORATE SEAL)		
(00111 011111 0 0 1 1 1 1 1 1 1 1 1 1 1	Name of License Holder	
	Type of License	
	,,	
	Expiration Date	
Contact Information:	ZAPITATION D'ALG	
Company Name:		
Contact Person:		
Title:		
Company Address:		
. ,		
Phone Number:		
Fax Number:		

BID BOND

KNOW	ALL	MEN	BY	THESE	PRESENTS,	that	we,		undersigned, Principal,
and									as Surety, are
hereby h	eld an	d firmly	bound	d unto the	CITY OF PERF	RIS as A	Agency	/ in the	penal sum of
								for	the payment
			-		we hereby joir	-		-	
successon 10% of b			s. (No	ote: City of	f Perris require	s bid b	ond to	be at	least equal to
10 % OI L	nu anic	Julit).							
Signed,	this		da	ay of			, 20	23.	
The Con	dition	of the ob	0000	bligation is	s such that whe	roac the	Dring	inal ha	s submitted to

the Agency a certain Bid, attached hereto and hereby made a part hereof, to enter into a

PROJECT: Storm Drain System Maintenance, Inspection and Related Services (Specification No. #FCD-1-2023-24-01)

NOW, THEREFORE,

contract in writing for the

- Α. If said Bid shall be rejected, or
- B. If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attached hereto (properly completed in accordance with said Bid) and shall furnish Bonds for his faithful performance of said Contract and for the payment of all persons performing labor or furnishing materials in connection therewith, the required Insurance Certificates, and shall in all other respects perform the agreement created by the acceptance of said Bid, then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligation of said Surety and its Bond shall be in no way impaired or affected by any extension of the time within which the Agency may accept such Bid; and said Surety does hereby waive notice of any such extension.

BF-8A Addendum A

Date: 7/27/2023

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Two Witnesses (If Individual):	PRINCIPAL:		
	By:		
	Title:		
ATTEST (If Corporation):			
Ву:	Title:		
(Corporate Seal)			
	SURETY:		
ATTEST:	D		
Ву:			
Title:	Title:		
(Corporate Seal)			

IMPORTANT:

Surety companies executing Bonds must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the Project is located.

THIS IS A REQUIRED FORM

BF-8B

Addendum A Date: 7/27/2023

Any claims under this bond may be add	dressed to:
(Name and Address of Surety)	
(Name and Address of Agent or Representative for service of process in California, if different from above)	
(Telephone Number of Surety and Agent or Representative for service of process in California)	

Addendum A Date: 7/27/2023

DESIGNATION OF SUBCONTRACTORS

In compliance with the provisions of section 2.3 of the Standard Specifications, the Bidder shall set forth below the name and location of the mill, shop or office of each Subcontractor and the portions of the work, which will be done by that Subcontractor.

In compliance with the provisions of Section 2-3.2 of said "Standard Specifications" Bidder understands and agrees that the Contract Work described in the Plans and Specifications No. #FCGF 1-2022-2023-01 for the General Fund Storm Drain Maintenance Services Project requires the Contractor to perform, with its own organization, Contract Work amounting to at least 50% of the Contract Price as provided in Section 2-3.2 Additional Responsibility of the current edition of the "Standard Specifications for Public Works Construction" prepared and promulgated by the Southern California Chapters of the American Public Works Association and Associated General Contractors of California ("Greenbook)".

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal (submitted on or after March 1, 2015), or engage in the performance of any contract for public work unless currently registered with the Department of Industrial Relations to perform public work pursuant to Section 1725.5 of the Labor Code. Bidders and their sub-contractors shall provide an extract PDF at the of bid showing active registration from the Public Works Contractor online registration at https://efiling.dir.ca.gov/pwcr/search

In compliance with the provisions of the Government Code, Section 4100-4108, the undersigned Bidder herewith sets forth the name and location of the place of business of each Subcontractor who will perform work or labor or render service to the Contractor on or about the construction site of the work or improvements in an amount in excess of one-half of one percent (½%) of the Contractor's total bid and the portion of the work which will be done by each Subcontractor as follows:

% Of Work

<u>T</u>	<u>`rade</u>	To Be Done	<u>Name</u> <u>I</u>	License No.	Address	-
JET	ΓING	<5%	PREMIER PIPE	1054668	1685 WEST LISBON, UPLAND	CA
CC	TV	<10% NA	TIONAL PLANT	351503	1461 HARBOR AVE., LONG BE	ACH CA

^{*} Identify any DBE subcontractors

LISTING OF MANUFACTURERS

The Contractor shall submit this sheet with his Bid to list the manufacturers of materials he intends to use. It shall be understood that where the Contractor elects not to use the material manufacturers called for in the Specifications, he will indicate the name of the Manufacturer he plans to substitute in the form below. Bidder further understands he will substitute only items of equal quality, durability, functional character and efficiency as determined by the Agency. See Section 01631 of these Specifications for substitution procedures and requirements. The Contractor should ascertain prior to bidding the acceptability of substitutes. Only one manufacturer shall be listed for each item.

Item or Material	Manufacturer or Supplier	DBE(*)

No change shall be allowed of any material manufacturer listed after receipt of Bids unless the manufacturer so listed cannot furnish materials meeting the Specifications. Any manufacturer, which is not deemed to be equal-to or better in every significant respect to that required by the Contract Documents, shall be rejected at the sole discretion of the Agency. Should such change be allowed by the Agency, bidder shall provide materials meeting the specification, as determined by the Agency, and there shall be no increase in the amount of the Bid originally submitted.

^{*} Identify if Supplier is a DBE.

ANTI-TRUST CLAIM

In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or Subcontractor offers and agrees to assign to the Agency all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Public Works Contract or the Contract or the Subcontract. This assignment shall be made and become effective at the time the Agency tenders final payment to the Contractor, without further acknowledgment by the parties.

RESPECTFULLI SUBMITTED.	
Signature	Please Print
Title	Address
Date	Address
Contractor's California License No.	Type of License
Name of License Holder	Expiration Date
THE REPRESENTATIONS MADE HEREIN A	RE MADE UNDER PENALTY OF PERJURY.
Federal I.D. No.	
(SEAL-if Bid is by a Corporation)	13 14 14 14 14 14 14 14 14 14 14 14 14 14
ATTEST	The state of the s



DECDECTELL LY CLID MITTED.

CERTIFICATION - LABOR CODE SECTION 1861

I, the undersigned Contractor, am aware of the provisions of section 3700 et. seq. of the Labor Code which requires every employer to be insured against liability for Worker's Compensation or to undertake self-insurance in accordance with the provisions of that Code, and I, the undersigned Contractor, agree to and will comply with such provisions before commencing the performance of the Work of this Contract.

CONTRACTOR:	
Firm Name Signature	
Print Name	
Contractor's California License No.	
Expiration Date	
Federal I.D. No.	_
(SEAL-if Bid is by a Corporation)	
ATTEST	



CERTIFICATION OF NON-DISCRIMINATION

On behalf of the Bidder making this proposal, the undersigned certifies that there will be no discrimination in employment with regard to ethnic group identification, color, religion, sex, age, physical or mental disability, or national origin; that all Federal, State, and local directives and executive orders regarding nondiscrimination in employment will be complied with; and that the principle of equal opportunity in employment will be demonstrated positively and aggressively.

DATED:	
	(Name of Bidder)
	while
	(Signature)
	(Typed Name and Title)
California License No.	Type of License
Name of License Holder	Expiration Date
Federal I.D. No.	
(SEAL-if Bid is by a Corporation)	Sand Maria Control of
ATTEST	23310

150.0\ EXPERIENCE STATEMENT

Bidder submits, as part of his bid, the following statements as to his experience qualifications. Bidder certifies that all statements and information set forth below are true and accurate. Bidder hereby authorizes the agency to make inquiry as appropriate regarding his experience.

Bidder has been en years.	ngaged in the contr	racting business under his present business	s name for
Bidder's experience in extends over a period		lar in type and magnitude to that set forth in the S	Specification
Bidder, as Contractor	, has satisfactorily cor	mpleted all Contracts awarded to him, except as	follows:
(Name any/all except	ions and reasons and a	attach and designate additional pages if necessa	ry.)
	agnitude to that set for	sfactorily completed the following contracts coorth in these Specifications for the following or	
Name & Address of Owner/Agency	Representative and Telephone	Type of Work, Year Completed & \$ Amount	

(Bidder shall attach and properly designate additional pages, if necessary.)

PUBLIC WORKS CONTRACTOR REGISTRATION DOCUMENTATION

Pursuant to Section 1771.1 of the Labor Code, Bidder submits, as part of his bid, the following EXTRACTS (pdf) verifying his and his listed subcontractors active registration with the Department of Industrial Relations and eligibility to perform public work pursuant to Section 1725.5 of the Labor Code. Bidder certifies that all statements and information set forth below are true and accurate. Bidder hereby authorizes the agency to make inquiry as appropriate regarding his and his subcontractors registration status.

Name & Address	Registration	Registration	Registration
of Contractor/Subcontractor	<u>Number</u>	<u>Date</u>	Expiration
License Type & Number		<u> </u>	
<u> </u>			
			

(Bidder shall attach Public Works Contractor Web Search Extracts for him and his subcontractors).





APPLICATION FOR PUBLIC WORKS CONTRACTOR REGISTRATION

Registration Information

Type: Public Works

Period: 07/01/2022 06/30/2025

Contractor Information

Contractor Name: OCEAN BLUE ENVIRONMENTAL SERVICES, INC.

Trade Name:

License Type Number: 1000002621

Contractor Physical Address

Physical Business Country: United States of America

Physical Business City/ LONG BEACH

Province:

Physical Business Address: 925 W. ESTHER ST

Physical Business State: CA

Physical Business Postal 90813

Code:

Contractor Mailing Address

Mailing Country: United States of America

Mailing Address: 925 W. ESTHER ST

Mailing City / Province: LONG BEACH

Mailing State: CA

Mailing Postal Code: 90813

Contact Info

Daytime Phone:

Daytime Phone Ext.:

Mobile Phone:

Business Email: wmejia@ocean-blue.com

Applicant's Email: wmejia@ocean-blue.com

<u>MATERIAL</u>	TEST REQUIRED	CALIFORNIA TEST
Permeable Material	Grading Sand Equivalent Durability Index	202 217 229
Imported Material (Shoulder Backing)	Grading Sand Equivalent Durability Index	202 217 229
Aggregate Subbase	Grading Sand Equivalent Resistance (R-Value)	202 217 301
Aggregate Base	Grading Sand Equivalent Resistance (R-Value) Durability Index Percentage of crushed particles	202 217 301 229 205
Screenings	Grading Loss in Los Angeles Rattler Crushed Particles Film Striping Cleanness valve	202 211 205 302 227
Asphalt Concrete (Except Open Graded)	Grading Specific Gravity (coarse & fine aggregate) Percentage of crushed particles Loss in Los Angeles Rattler Sand Equivalent Film Striping Kc Factor (CKE) Kf Factor (CKE) Stabilometer Swell Moisture Vapor Susceptibility Optimum Bitumen Content*	202 206 208 205 211 217 302 303 303 366 305 307 367
Open Graded AC, Asphalt Treated Permeable Material, Asphalt Treated Permeable Base	Grading Crushed Particles Loss in Los Angeles Rattler (500 revolutions) Durability Index Firm Striping	202 205 211 229 310 or 362 or 379

^{*(}Not shown in Construction Manual, use CDE frequency.)

Note: Should any potential source sampling and testing be waived by reason of previous acceptance of material from the source, there will be no reduction in contract prices by reason of such waiver.

FOREIGN MATERIALS – The requirements of the fifth paragraph in Section 6-1-08, "Foreign Materials," of the Standard Specifications shall not apply.

HAZARDOUS MATERIALS TESTS AND MANIFEST REQUIREMENTS:

Bidder shall deliver all necessary laboratory test results and disposal manifests to City for all hazardous materials, prior to payment in accordance with all State and Federal Law governing the removal and disposal of hazardous waste.

Environmental Protection Agency

§ 116.4

1974, or which may affect natural resources belonging to, appertaining to, or under the exclusive management author-ity of the United States (including re-sources under the Fishery Conservation and Management Act of 1976), means: (1) A discharge into any waters beyond the contiguous zone from any vessel or on-shore or offshore facility, which vessel or facility is subject to or is engaged in activities under the Outer Continental Shelf Lands Act or the Deepwater Port Act of 1974, and (2) any discharge into any waters beyond the contiguous zone which contain, cover, or support any natural resource belonging to, appertaining to, or under the exclusive management authority of the United States (including resources under the Fishery Conservation and Management Act of 1976).

Public vessel means a vessel owned or bareboat-chartered and operated by the United States, or a State or political subdivision thereof, or by a foreign nation, except when such vessel is engaged in commerce.

Territorial seas means the belt of the seas measured from the line of ordinary low water along that portion of the coast which is in direct contact with the open sea and the line marking the seaward limit of inland waters, and extending seaward a distance of 3 miles.

Vessel means every description of watercraft or other artificial contrivance used, or capable of being used, as a means of transportation on water other than a public vessel;

[43 FR 10474, Mar. 13, 1978; 43 FR 27533, June 26, 1978, as amended at 44 FR 10266, Feb. 16, 1979; 58 FR 45039, Aug. 25, 1993]

§ 116.4 Designation of hazardous substances.

The elements and compounds appearing in Tables 116.4 A and B are designated as hazardous substances in accordance with section 311(b)(2)(A) of the Act. This designation includes any isomers and hydrates, as well as any solutions and mixtures containing these substances. Synonyms and Chemical Abstract System (CAS) numbers have been added for convenience of the user only. In case of any disparity the common names shall be considered the designated substance.

TABLE 116.4A-LIST OF HAZARDOUS SUBSTANCES

Common name	CAS No.	Synonyms	Isomers	CAS No.
Acetaldehyde	75070	Ethanal, ethyl aldehyde, acetic aldehyde	***************************************	Vary 20 Ave Correction
Acetic acid	64197	Glacial acetic acid, vinegar acid		310,750,750,750,750,750
Acetic anhydride	108247	Acetic oxide, acetyl oxide	******************	
Acetone cyanohydrin	75865	2-methyllactonitrile, alpha- hydroxylsobutyronitrile.	*****************	***************************************
Acetyl bromide	506967	***************************************		*************
Acetyl chloride	79367		***************************************	***************************************
Acrolein	107028	2-propenal, acrylic aldehyde, acrylaldehyde,	***************************************	***************************************
		acraldehyde.		***************************************
Acrylonitrile	107131	Cyanoethylene, Furnigrain, Ventox, propeneitrile, vinyl cyanide.	***************************************	***************************************
Adipic acid	124049	Hexanedioic acid	***************************************	
Aldrin	309002	Octalene, HHDN	***************************************	**************
Allyl alcohol	107186	2-propen-1-ol, 1-propenol-3, vinyl carbinol	***************************************	***************
Allyl chloride	107051	3-chloropropene, 3-chloropropylene,	***************************************	TOTAL COMMENTS
	12.02.2	Chlorallylene.	***************************************	***************************************
Aluminum sulfate	10043013	Alum	******************	
Ammonia	7664417		***************************************	***************
Ammonium acetate	631618	Acetic acid ammonium, salt	***************************************	***************************************
Ammonium benzoate	1863634	H*************************************	***************************************	**************
Ammonium bicarbonate	1066337	Acid ammonium carbonate, ammonium hydro-		
TOTAL COMPANY OF THE CONTROL OF THE	1.000001	gen carbonate.	***************************************	***************************************
Ammonium bichromate	7789095			1100011100110001100
Ammonium bifluoride	1341497	Acid ammonium fluoride, ammonium hydrogen		
	15-11-51	fluoride.	***************************************	***************************************
Ammonium bisulfite	10192300			***************************************
Ammonium carbamate	1111780	Ammonium aminoformate		
Ammonium carbonate	506876	***************************************	Separation of recent to	*****************
Ammonium chloride	12125029	Ammonium muriate, sal ammoniac, salmiac,	************	**************
Commence of the Commence of th	TETEGOES	Amchlor.	***************************************	************
Ammonium chromate	7788989			
Ammonium citrate dibasic	3012655	Diagramonium oltusta oltaka nold aliananani	***************************************	
runnemant dirate dipasic	3012055	Diammonium citrate, citric acid diammonium salt.	**************	

Ammonium fluoride Ammonium hydroxide Ammonium oxalate Ammonium silicofluoride Ammonium sulfide 1 Ammonium sulfide 1 Ammonium sulfide 1 Ammonium sulfide 1 Ammonium sulfite 1 Ammonium tartrate 1 Ammonium thiocyanate 1 Ammonium thiocyanate 2 Antimony pentachloride 3 Antimony pentachloride 4 Antimony trichloride 1 Arsenic disulfide 1 Arsenic trichloride 1 Arsenic trichloride 1 Arsenic trichloride 1 Berzenie 1 Benzoit de 1 Benzoi	13826830 12125018 1336216 6009707 5972736 14258492 16919190 7773060 10196040 10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 1309644 1309644 1309644 1303282 7784341 1327533 1303339	Ammonium fluoroborate, ammonium borofluoride. Neutral ammonium fluoride Ammonium fluosilicate Ammate; AMS, ammonium amidosulfate Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide Arsenic chloride, arsenicox chloride, arsenous	iso- sec- tert-	123922 626380 625161
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Ammonium silicofluoride	5972736 14258492 16919190 7773060 12135761 10196040 10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 1783564 1303282 1784341 1327533	Ammonium fluosilicate Ammate: AMS, ammonium amidosulfate Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	iso- sec- tert-	123922 626380 625161
Ammonium silicofluoride Ammonium sulfamate Ammonium sulfide Ammonium sulfide Ammonium sulfide Ammonium sulfite Ammonium tartrate Ammonium thiocyanate Amiline Antimony pentachloride Antimony potassium tartrate 2 Antimony tribromide Antimony tribromide Antimony tribromide Antimony tribromide Antimony trichloride Arsenic disulfide Arsenic disulfide Arsenic trichloride Arsenic trichloride Benzoic acid Benzoic acid Benzoitrile Benzoyl chloride Benzyl chloride Benzyl indiride Benzyl chloride Benzyllium fluoride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	14258492 16919190 7773060 12135761 10196040 10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 7783564 1303282 1303282 7784341	Ammonium fluosilicate Ammate; AMS, ammonium amidosulfate Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	iso- sec- tert-	123922 626380 625161
Ammonium silicofluoride 1 Ammonium sulfamate 1 Ammonium sulfide 1 Ammonium sulfite 1 Ammonium sulfite 1 Ammonium sulfite 1 Ammonium tartrate 1 Ammonium thiocyanate 1 Amiline 1 Antimony pentachloride 1 Antimony pentachloride 1 Antimony tribromide 1 Arsenic disulfide 1 Arsenic disulfide 1 Arsenic trichloride 1 Arsenic trichloride 1 Arsenic trichloride 1 Benzoic trichloride 1 Benzoic acid 1 Benzoitrile 1 Benzoyl chloride 1 Benzyl chloride 1 Benzyl chloride 1 Benzyl chloride 1 Benzyllium chloride 1 Beryllium fluoride 1 Beryllium fluoride 1 Beryllium fluoride 1 Beryllium nitrate 1	16919190 7773060 12135761 10196040 10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 1303282 1303282 7784341	Ammonium fluosilicate Ammate, AMS, ammonium amidosulfate Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	isosec	123922 626380 625161
Ammonium sulfamate Ammonium sulfide Ammonium sulfide Ammonium sulfite Ammonium tartrate Ammonium thiocyanate Amiline Antimony pentachloride Antimony pentachloride Antimony tribromide Antimony tribromide Antimony tridluoride Antimony tridluoride Antimony tridluoride Antimony tridluoride Arsenic disulfide Arsenic trickloride Arsenic trickloride Bernic trickloride Benzoic did Benzonitrile Benzoyl chloride Benzyl chloride Benzyl inforide Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	12135761 10196040 10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 1303282 1303282 7784341	Ammate; AMS, ammonium amidosulfate Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	iso-sec-tert-	123922 626380 625161
Ammonium sulfite 1 Ammonium tartrate 1 Ammonium tartrate 1 Ammonium thiocyanate 1 Amly acetate 1 Antimony acetate 1 Antimony pentachloride 1 Antimony trichloride 1 Arsenic disulfide 1 Arsenic trichloride 1 Arsenic trichloride 1 Arsenic trichloride 1 Bernic trichloride 1 Benzoic acid 1 Benzoic acid 1 Benzoitrile 1 Benzoyl chloride 1 Benzyl chloride 1 Benzyl chloride 1 Beryllium chloride 1 Beryllium fluoride 1 Beryllium fluoride 1 Beryllium nitrate 1	10196040 10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 1303282 1303282 7784341	Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	iso-sec-itert-	123922 626380 625161
Ammonium tartrate Ammonium thiocyanate Amly acetate Aniline Antimony pentachloride Antimony potassium tartrate Antimony tribromide Antimony tribromide Antimony tribromide Antimony tribromide Antimony tribromide Artimony tribromide Arsenic disulfide Arsenic disulfide Arsenic trichloride Arsenic trichloride Arsenic trichloride Bernic trisulfide Barium cyanide Benzoic acid Benzoitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	10192300 3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 1303282 1303282 7784341	Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	isosectert-	123922 626380 625161
Ammonium tartrate Ammonium thiocyanate Amily acetate Aniline Antimony pentachloride Antimony potassium tartrate Antimony tribromide Antimony tribromide Antimony tridluoride Antimony tridluoride Antimony tridluoride Antimony trickloride Arsenic disulfide Arsenic pentoxide Arsenic trickloride Arsenic trickloride Barium cyanide Benzoic acid Benzoitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	3164292 14307438 1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 1303282 1303282 7784341	Tartaric acid ammonium salt Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	isosectert-	123922 626380 625161
Ammonium thiocyanate Amly acetate Aniline Antimony pentachloride Antimony potassium tartrate Antimony tribromide Antimony trichloride Antimony trichloride Antimony trixide Antimony trixide Antimony trixide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trichloride Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Benzyl in monide Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	14307438 1762954 628637 62533 7647189 28300745 7789619 17025919 7783564 1303282 1303282 7784341	Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	isosec	123922 626380 625161
Ammonium thiocyanate Amily acetate Antimony pentachloride Antimony potassium tartrate Antimony tribromide Antimony trichloride Antimony trichloride Antimony triduoride Antimony triduoride Antimony triduoride Arsenic disulfide Arsenic disulfide Arsenic trichloride Arsenic trichloride Arsenic trichloride Benzoic trisulfide Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	1762954 628637 62533 7647189 28300745 7789619 10025919 7783564 130328 1303282 7784341 1327533	Ammonium rhodanide, ammonium sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	iso sec- tert-	123922 626380 625161
Arrilline Antimony pentachloride Antimony potassium tartrate Antimony tribromide Antimony trichloride Antimony trichloride Antimony trichloride Antimony tridlucride Antimony tridlucride Arsenic disulfide Arsenic disulfide Arsenic trichloride Arsenic trichloride Arsenic trichloride Barium cyanide Benzoic acid Benzoic acid Benzoitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	628637 62533 7647189 28300745 7789619 10025919 7783564 1309644 1303282 7784341 1327533	sulfocyanate, ammonium sulfocyanide. Amylacetic ester Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	iso- sec- tert-	123922 626380 625161
Arilline Antimony pentachloride Antimony potassium tartrate Antimony tribromide Antimony trichloride Antimony triduoride Antimony trixide Antimony trixide Antimony trixide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trixide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	62533 7647189 28300745 7789619 10025919 7783564 1309644 1303328 1303282 7784341	Pear oil Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	tert-	626380 625161
Antimony pentachloride Antimony potassium tartrate 2 Antimony tribromide Antimony trichloride 1 Antimony trichloride Antimony trichloride Antimony trioxide Arsenic disulfide Arsenic pentoxide Arsenic pentoxide Arsenic trichloride Arsenic trichloride Barium cyanide Benzenie Benzoic acid Benzoitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7647189 28300745 7789619 10025919 7783564 1309644 130328 1303282 7784341	Banana oil Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	tert-	625161
Antimony pentachloride Antimony potassium tartrate 2 Antimony tribromide Antimony trichloride 1 Antimony trichloride Antimony trichloride Antimony trioxide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trichloride Arsenic trioxide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7647189 28300745 7789619 10025919 7783564 1309644 130328 1303282 7784341	Aniline oil, phenylamine, aminobenzene, aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide		22234551812278551
Antimony pentachloride Antimony potassium tartrate 2 Antimony tribromide Antimony trichloride 1 Antimony trichloride Antimony trichloride Antimony trioxide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trichloride Arsenic trioxide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7647189 28300745 7789619 10025919 7783564 1309644 130328 1303282 7784341	aminophen, kyanol. Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide		22.3.15.13.2.2.15.15.1
Antimony potassium tartrate 2 Antimony tribromide	7789619 10025919 7783564 1309644 1303328 1303282 7784341	Tartar emetic, tartrated antimony, tartarized antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide		**************************************
Antimony tribromide Antimony trichloride Antimony trifluoride Antimony trifluoride Antimony trioxide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trichloride Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7789619 10025919 7783564 1309644 1303328 1303282 7784341	antimony, potassium antimonyltartrate. Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	***************************************	2233/12423221012331 E63382334468832331
Antimony trichloride Antimony trifluoride Antimony trifluoride Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trichloride Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7783564 1309644 1303328 1303282 7784341 1327533	Butter of antimony Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	***************************************	***************
Antimony trifluoride Antimony trioxide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trioxide Arsenic trioxide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7783564 1309644 1303328 1303282 7784341 1327533	Antimony fluoride Diantimony trioxide, flowers of antimony Red arsenic sulfide Arsenic acid anhydride, arsenic oxide		
Antimony trioxide Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trioxide Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	1309644 1303328 1303282 7784341 1327533	Diantimony trioxide, flowers of antimony Red arsenic sulfide		00.000.000.000.000.000
Arsenic disulfide Arsenic pentoxide Arsenic trichloride Arsenic trioxide Arsenic trioxide Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzoitrile Benzoyl chloride Benzyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	1303328 1303282 7784341 1327533	Red arsenic sulfide Arsenic acid anhydride, arsenic oxide	#46000000000000000000000000000000000000	************
Arsenic pentoxide Arsenic trichloride Arsenic trioxide Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride Beryllium nitrate	1303282 7784341 1327533	Arsenic acid anhydride, arsenic oxide		Translation of
Arsenic trichloride Arsenic trioxide Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	7784341 1327533		500000000000000000000000000000000000000	2005903000000000000000000000000000000000
Arsenic trioxide Arsenic trisulfide Berizene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate	1327533	L Arsenic Chiquae, arsenious chiquae, arsenous i	100000000000000000000000000000000000000	300000000000000000000000000000000000000
Arsenic trisulfide Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate		chloride, butter of arsenic.	***************************************	***************************************
Barium cyanide Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Berylium chloride Beryllium fluoride Beryllium fluoride Beryllium fluoride	13033339	Arsenious acid, arsenious oxide, white arsenic	***************************************	3970813043043043043
Benzene Benzoic acid Benzonitrile Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium fluoride Beryllium nitrate		Arsenious sulfide, yellow arsenic sulfide	******************	*************
Benzoic acid	542621		Section Contracts	***************************************
Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium nitrate	71432 65850	Cyclohexatriene, benzol	**************************************	
Benzoyl chloride Benzyl chloride Beryllium chloride Beryllium fluoride Beryllium nitrate	4.00.4770	dracylic acid.		
Benzyl chloride	100470 98884	Phenyl cyanide, cyanobenzene	3040300000000000000	500000000000000000000000000000000000000
Beryllium chloride Beryllium fluoride Beryllium nîtrate	100447	Benzenecarbonyl chloride	710100000001000000000	contractions
Beryllium fluoride	7787475		2.575.50031.17031.0031.53033	23022331623113511
Beryllium nitrate	7787497	***************************************	CAXT-1000000000000000000000000000000000000	\$4000000000000000000000000000000000000
	7787555			22704100111221122
1 1	13597994	***************************************		***************************************
Butyl acetate	123864	Acetic acid butyl ester	iso	110190
			sec-	105464 540885
Butylamine	109739	1-aminobutane	iso	78819
	11.0.0.1.0.0.		sec	513495
			sec	13952846
			tert	75649
n/butyl phthalate	84742	1.2-benzenedicarboxylic acid, dibutyl ester, dibutyl phthalate:		2222120022222
Butyric acid	107926	Butanoic acid, ethylacetic acid	iso	79312
Cadmium acetate	543908	The state of the s		
Cadmium bromide	7789426	***************************************	C1000000000000000000000000000000000000	**************************************
	10108642	grammassassassassassassassassassassassassa	792000000000000000000000000000000000000	.00000000000000000000000000000000000000
Calcium arsenate	7778441	Tricalcium orthoarsenate		
	52740166	***************************************		*************
Calcium carbide	75207	Carbide, acetylenogen	TRESTRESION	300000000000000000000000000000000000000
. I COVER TO THE COURSE OF THE CONTROL OF THE CONTR	13765190	Calcium chrome yellow, geblin, yellow ultra- marine,	. 124,511115277351153227778	******************
Calcium cyanide	592018		1100001100011001100000	200000000000000000000000000000000000000
	26264062		121111111111111111111111111111111111111	************
	7778543	***************************************	***************	
Captan	133062	Orthocide-406, SR-406, Vancide-89	Herestonessississes	
Carbaryl	63252	Sevin	100000000000000000000000000000000000000	*****
	1563662	Furadan		*)*********
Carbon disulfide	75150	Carbon bisulfide, dithiocarbonic anhydride	Terroresto services	Treasuration.
Carbon tetrachloride	56235	Tetrachloromethane Perchloromethane	Homestones	***************************************

	CAS No.	Synonyms	Isomers	CAS No.
Chlorine	75003			Vivolen and other
Chlorobenzene	108907	Monochlorobenzene, benzene chloride	401717144444444444444444444444444444444	
Chloroform	67663			***************
		Trichloromethane		************
Chlorpyrifos	2921882	Dursban		*****
Chlorosulfonic acid	7790945	Sulfuric chlorohydrin	***************************************	0.460.000.000
Chromic acetate	1066304		***************	*****************
Chromic acid	11115745	Chromic anhydride, chromium trioxide	*************	*************
Chromic sulfate	10101538	***************************************		
Chromous chloride	10049055	***************************************	***************************************	**************
Cobaltous bromide	7789437	Cobalt bromide		
Coabaltous formate	544183	Cobalt formate	***************************************	***************
Cobaltous sulfamate	14017415	Cobalt sulfamate	***************************************	
Coumaphos	56724	Co-Ral	nimmuminum (
Cresal	1319773	Cresylic acid	m	108394
		Hydroxytoluene	0	95487
			D	106445
Crotonaldehyde	4170303	2-butenal propylene aldelhyde		
	142712		*****************	
Cupric acetate		Copper acetate, crystalized verdigris	***************************************	101111111111111111
Cupric acetoarsenite	12002038	Copper acetoarsenite, copper acetate arsenite,	****************	***************************************
Access of the control		Paris green.		
Cupric chloride	7447394	Copper chloride		
Cupric nitrate	3251238	Copper nitrate	***************************************	
Cupric oxalate	5893663	Copper oxalate	*****************	
Cupric sulfate	7758987	Copper sulfate	*****************	
Cupric sulfate, ammoniated	10380297	Ammoniated copper sulfate	***************************************	**************
Cupric tartrate	815827	Copper tartrate	*****************	*************
Cyanogen chloride	506774		***************	***********
Cyclohexane	110827	Hexahydrobenzene, hexamethylene,	***************************************	
7	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	hexanaphthene.	***************************************	
2.4.D. soid	94757	2 4 dishlareshanas madia anid		
2.4-D acid		2,4-dichlorophenoxyacetic acid	Starriberteneraritys.	********
2,4-D ester	94111	2,4-dichlorophenoxyacetic acid ester		
	94791		1	
	94804			
	1320189			
	1928387			
	1928616			
	1929733			
	2971382			
	The state of the s			
	25168267			
	25168267			
DOT	53467111	- n/ 201		
	53467111 50293	p.p'-DDT	************	***************************************
Diazinon	53467111 50293 333415	Dipofene, Diazitol, Basudin, Spectracide	***************************************	***************************************
Diazinon Dicamba	53467111 50293 333415 1918009	Dipofene, Diazitol, Basudin, Spectracide	The state of the s	
Diazinon Dicamba Dichlobenii	53467111 50293 333415 1918009 1194656	Dipofene, Diazitol, Basudin, Spectracide	***************************************	warman a
Diazinon Dicamba Dichlobenii	53467111 50293 333415 1918009	Dipofene, Diazitol, Basudin, Spectracide		
Diazinon Dicamba Dichlobenil Dichlone	53467111 50293 333415 1918009 1194656	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone	***************************************	
Diazinon Dicamba Dichlobenil Dichlone	53467111 50293 333415 1918009 1194656 117806	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide	Ortho	95501
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene	53467111 50293 333415 1918009 1194656 117806 25321226	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para)	Ortho	95501 106467
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene	53467111 50293 333415 1918009 1194656 117806	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide	Ortho	95501 106467 78999
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene	53467111 50293 333415 1918009 1194656 117806 25321226	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para)	Ortho	95501 106467 78999 78875
Diazinon Dicamba Dichlobenil Dichlore Dichlorobenzene	53467111 50293 333415 1918009 1194656 117806 25321226 26638197	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride	Ortho	95501 106467 78999 78875 142289
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane	53467111 50293 333415 1918009 1194656 117806 25321226	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para)	Ortho	95501 106467 78999 78875 142289 542756
Diazinon Dicamba Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene	53467111 50293 333415 1918009 1194656 117806 25321226 26638197	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride	Ortho	95501 106467 78999 78875 142289 542756
Diazinon Dicamba Dichlobenii Dichlore Dichloropropane Dichloropropane Dichloropropene Dichloropropene	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphithoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D	Ortho	95501 106467 78999 78875 142289 542756 78886
2,2-Dichloropropionic acid	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Dichloropropene (mixture) 2,2-Dichloropropionic acid	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Dichloropropene (mixture) 2,2-Dichloropropionic acid	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol,	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Dichloropropene Ciniture) 2,2-Dichloropropionic acid Dichloros	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dicamba Dichlobenii Dichloropenzene Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichloros Dicofol	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol,	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dicamba Dichlobenii Dichloroe Dichloropropane Dichloropropene Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol.	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dicamba Dichlobenii Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Dichloropropene-dichloropropane (mixture) 2,2-Dichloropropionic acid Dichlorvos Dicofol Dieldrin Diethylamine	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol. Alvit	Ortho Para 1,1 1,2 1,3 2,3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Cimixture) Dichloroves Dicofol Dieldrin Diethylamine Dimethylamine	53467111 50293 393415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol.	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Cimixture) Dichloroves Dicofol Dieldrin Diethylamine Dimethylamine	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol. Alvit	Ortho	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene Cimixture) Dichloroves Dicofol Dieldrin Diethylamine Dimethylamine	53467111 50293 393415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol.	Ortho Para 1,1 1,2 1,3 1,3 2,3	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dichlobenii Dichlone Dichloropropane Dichloropropane Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed)	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol. Alvit Dinitrobenzol	Ortho Para 1,1 1,2 1,3 1,3 2,3 m- o- p-	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254
Diazinon Dicamba Dicamba Dichlobenii Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed)	53467111 50293 393415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol.	Ortho Para 1,1 1,2 1,3 1,3 2,3 mi o- p- (2,5-)	95501 106467 78999 78875 142289 542756 78886
Diazinon Dicamba Dicamba Dichlobenil Dichloropene Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed)	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol. Alvit Dinitrobenzol	Ortho Para 1,1 1,2 1,3 2,3 2,3 m- o- p- (2,5-) (2,4-)	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254
Diazinon Dicamba Dicamba Dichlobenil Dichlore Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed)	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphithoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol Aldifen	Ortho Para 1,1 1,2 1,3 1,3 2,3 mi o- p- (2,5-)	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254
Diazinon Dicamba Dicamba Dichlobenii Dichlore Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed) Dinitrophenol	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphithoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol Aldifen	Ortho Para 1,1 1,2 1,3 2,3 2,3 m- o- p- (2,5-) (2,4-)	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715
Diazinon Dicamba Dicamba Dichlobenii Dichlore Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed) Dinitrophenol	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545 51285	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphthoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol. Alvit Dinitrobenzol	Ortho Para 1,1 1,2 1,3 1,3 2,3 m- 0- p- (2,5-) (2,4-) (2,6-) 2,4	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715 573568 121142
Diazinon Dicamba Dichlobenil Dichlone Dichlorobenzene Dichloropropane Dichloropropane Dichloropropene Dichloropropene	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545 51285	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphithoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol Aldifen	Ortho Para 1,1 1,2 1,3 1,3 2,3 m- 0- p- (2,5-) (2,4-), (2,6-) 2,4 2,6	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715 573568 121142 606202
Diazinon Dicamba Dicamba Dichlobenii Dichlore Dichlorobenzene Dichloropropane Dichloropropene Dichloropropene-dichloropropane (mixture). 2,2-Dichloropropionic acid Dichlorves Dicofol Dieldrin Diethylamine Dimethylamine Dinitrobenzene (mixed) Dinitrophenol	53467111 50293 333415 1918009 1194656 117806 25321226 26638197 26952238 8003198 75990 62737 115322 60571 109897 124403 25154545 51285	Dipofene, Diazitol, Basudin, Spectracide 2-methoxy-3,6-dichlorobenzoic acid 2,6-dichlorobenzonitrile, 2,6-DBN Phygon, dichloronaphithoquinone Di-chloricide Paramoth (Para) Propylene dichloride D-D mixture Vidden D Dalapon 2,2-dichlorovinyl dimethyl phosphate, Vapona Di(p-chlorophenyl)-trichloromethylcarbinol, DTMC, dicofol, Alvit Dinitrobenzol Aldifen	Ortho Para 1,1 1,2 1,3 1,3 2,3 m- 0- p- (2,5-) (2,4-) (2,6-) 2,4	95501 106467 78999 78875 142289 542756 78886 99650 528290 100254 329715 573568 121142

Disulfoton 2980-3305-271768. Dodecylbenzenesulfonic acid 271768. Endosulfan 11525. Endrin 7226. Epichlorohydrin 1068. Ethylenediamine 1004. Ethylenediamine-tetraacetic acid (EDTA). 6000. Ethylene dibromide 1070. Ethylene dichloride 1070. Ferric ammonium citrate 11855. Ferric ammonium citrate 11855. Ferric ammonium oxalate 29446. Ferric ammonium oxalate 29446. Ferric ammonium oxalate 100282. Ferric nitrate 104214. Ferric sulfate 104214. Ferric sulfate 104214. Ferric sulfate 104214. Ferric sulfate 100458. Ferric sulfate 77836. Ferrous ammonium sulfate 100458. Ferrous chloride 778207. Ferrous sulfate 78207. Ferrous chloride 778207. Ferrous sulfate 7844. Hydrochloric acid 7644	DCMU, DMU Thiodan Mendrin, Compound 269 -chloropropylene oxide Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		271112 (2011)
Diuron 33055 Dodecylbenzenesulfonic acid 271768 Endosulfan 11525 Endrin 7224 Epichlorohydrin 1068 Ethylonediamine 1004 Ethylenediamine-tetraacetic acid (EDTA) 10693 Ethylene dibromide 10706 Ethylene dichloride 10706 Ferric ammonium citrate 11855 Ferric ammonium oxalate 29446 554883 770508 Ferric chloride 77835 Ferric fluoride 77835 Ferric sulfate 100458 Ferric sulfate 100458 Ferrous ammonium sulfate 100458 Ferrous chloride 77589 Ferrous sulfate 100458 Formaldehyde 5000 Formaldehyde 5000 Formaldehyde 5000 Formaldehyde 76478 Formaldehyde 76479 Furfural 9801 Guthion 76470 Hydrofluoric aci	DCMU, DMU Thiodan Mendrin, Compound 269 -chloropropylene oxide Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		271124
Dodecylbenzenesulfonic acid 271768; 11522 Endosulfan 11525 Endosulfan 11525 Endosulfan 10686 Ethion 56314 1004 Ethylbenzene 1004 Ethylbenzene 1004 Ethylbenediamine Ethylbenediamine Ethylbenediamine 10715 Ethylbene dibromide 10766 10	Thiodan Mendrin, Compound 269 -chloropropylene oxide Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene. 2,1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Endosulfan 1152: 722: 1068 Endrin 722: 722: 1068 Ethion 5631: 1004 Ethyloenzene 1004 Ethylenediamine 1071: 600 Ethylenediamine-tetraacetic acid (EDTA). 6000 Ethylene dibromide 1069: 11855; 1	Thiodan Mendrin, Compound 269 -chloropropylene oxide Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene. 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric oxiate Flores martis, iron trichloride Fric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Endrin	Mendrin, Compound 269 -chloropropylene oxide Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric citrate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Epichlorohydrin	-chloropropylene oxide Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene. 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		271112 (2011)
Ethion	Nialate, ethyl methylene, phosphorodithioate Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene. 2,1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Ethylenzene 1004 Ethylenediamine 1071s Ethylenediamine-tetraacetic acid (EDTA) Ethylene dibromide 1069s Ethylene dibromide 1070s Ferric ammonium citrate 11855 Ferric ammonium oxalate 29446 Ferric chloride 77050s Ferric fluoride 77835 Ferric sulfate 100282s Ferric sulfate 100488 Ferrics sulfate 100488 Ferrous ammonium sulfate 100488 Ferrous chloride 77826 Ferrous sulfate 77057 Ferrous sulfate 100488 Ferrous chloride 77826 Ferrous chloride 7846 Ferrous chloride 7846 Ferrous chloride 7846 Ferrous chloride 7847 Furfural 9801 Guthlon 8650 Ferrous chloride 77830 Furfural 9801 Furfural	Phenylethane 1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene. 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Ferric persulfate, ferric sesquisulfate, ferric tersulfate, Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Ethylenediamine	1,2-diaminoethane Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1,2-dibromoethane acetylene dibromide sym- dibromoethylene. 1,2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Ethylenediamine-tetraacetic (EDTA). 6000 (EDTA). Ethylene dibromide 10693 Ethylene dichloride 10706 Ferric ammonium citrate 118557 Ferric ammonium oxalate 29446 Ferric thloride 770508 Ferric fluoride 778350 Ferric sulfate 1002822 Ferrous ammonium sulfate 1004588 Ferrous chloride 775894 Ferrous sulfate 772078 Ferrous sulfate 778263 Ferrous sulfate 778263 Formaldehyde 5000 Formaldehyde 5000 Formaldehyde 5000 Formic acid 6418 Furfural 9801 Guthion 8650 Heptachlor 7647 Hydrogen sulfide 76470 Hydrogen sulfide 77830 Hydrogen sulfide 77830 Hydrogen sulfide 77830 Sopropanolamine 40decylbenzenesulfonate Lead fluoride 77836 Lead fluoride	Edetic acid, Havidote, (ethylenedinitrilo)- tetraacetic acid. 1.2-dibromoethane acetylene dibromide sym- dibromoethylene. 1.2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
(EDTA) 10693 Ethylene dibromide 10706 Ferric ammonium citrate 11855 Ferric ammonium oxalate 29446 554883 770508 Ferric fluoride 77835 Ferric nitrate 104214 Ferric sulfate 1002822 Ferrous ammonium sulfate 1004583 Ferrous chloride 775894 Ferrous sulfate 77078 Ferrous chloride 778263 Formaldehyde 5006 Formaldehyde 5007 Formaldehyde 5007 Formic acid 6418 Fumaric acid 11017 Furfural 9801 Guthlon 8650 Heyachlorecyclopentadiene 7644 Hydrogen cyanide 76470 Hydrogen sulfide 778306 Hydrogen sulfide 778306 Isoprene 8785 Soprene 14350 Lead acetate 30104 Lead fluoborate 1381496 Lead fluoride	tetraacetic acid. 1.2-dibromoethane acetylene dibromide symdibromoethylene. 1.2-dichloroethane sym-bichloroethane Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride From nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate iron chloride, iron dichloride, iron protochloride Green vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
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Ferric ammonium citrate 11855 Ferric ammonium oxalate 29446 5548883 770508 Ferric fluoride 77835 Ferric nitrate 1042148 Ferric sulfate 1002822 Ferrous ammonium sulfate 1004583 Ferrous chloride 775894 Ferrous chloride 776207 Ferrous sulfate 5006 Formaldehyde 5006 Formic acid 6418 Fumaric acid 11017 Furfural 9801 Guthlon 8650 Heyarchloric acid 76470 Hydrochloric acid 76470 Hydrogen cyanide 77830 Hydrogen sulfide 77830 Isoprene 7875 Isopropanolamine 4050446 dodecylbenzenesulfonate 14350 Lead acetate 30104 Lead fluoride 778346 Lead provide 778346 Lead iodide 101016 Lead stearate 100997 Lea	Ammonium ferric citrate Ammonium ferric oxalate Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
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S548887 T70508	Flores martis, iron trichloride Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron armmonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		**************************************
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Ferric fluoride 778956 Ferric nitrate 1042148 Ferric sulfate 1002822 Ferrous calfate 775894 Ferrous sulfate 778263 Ferrous sulfate 778263 Formaldehyde 5000 Formic acid 6418 Furnaric acid 11017 Furfural 9801 Guthion 8650 Febrachlor 7647 Febrachlor 7647 Febrachlor (acid 76470 Febrachlor (acid 76432 Febrachlor (acid 77830 Febrachlor (acid </td <td>Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin</td> <td></td> <td>-</td>	Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate Iron chloride, iron dichloride, iron protochloride Green vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		-
Terric nitrate	Iron nitrate Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate	**************************************	
Ferric sulfate 1002822 Ferrous ammonium sulfate 1004588 Ferrous chloride 775892 Ferrous sulfate 772078 Ferrous sulfate 778263 Formaldehyde 5000 Formic acid 6418 Furfural 9807 Buthion 8650 Leptachlor 7644 Leydrochloric acid 76470 Hydrogen cyanide 778306 Hydrogen sulfide 778306 Soprene 7875 Soprene solfenate 4250446 Kepone 14350 Lead acetate 30104 Lead arsenate 778440 764525 1010248 Lead chloride 77836 Lead indide 1010248 Lead intrate 100997 Lead stearate 742848 107235 5265256 Lead sulfate 744614 Lead sulfate 744614 Lead sulfate 744614 Lead sulfate 744614	Ferric persulfate, ferric sesquisulfate, ferric tersulfate. Mohr's salt, iron ammonium sulfate. Iron chloride, iron dichloride, iron protochloride Green vitriol. Iron vitriol, iron sulfate, iron protosulfate	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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Ferrous chloride 775894 Ferrous sulfate 772078 Ferrous sulfate 778263 Formaldehyde 5006 Formic acid 6418 Furnaric acid 11017 Furfural 9801 Suthion 8656 Hexachlorocyclopentadiene 7747 Hydrochloric acid 76470 Hydrochloric acid 76470 Hydrogen cyanide 778306 Hydrogen sulfide 778306 Soprene 7875 Soprene 7875 Soprene 14350 Lead acetate 30104 Lead arsenate 778440 Lead fluoborate 1381496 Lead iodide 1010165 Lead nitrate 1009974 Lead stearate 74264614 Lead sulfate 5287 Lead thiocyanate 5287 Lindane 5888 Lithium chromate 1430738	Iron chloride, iron dichloride, iron protochloride Green vitriol Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin		
Ferrous sulfate 772078 778263 778263 Formaldehyde 5000 Formic acid 6418 Furnaric acid 11017 Furfural 9801 Guthion 8650 Heptachlor 7644 Hexachlorocyclopentadiene 7749 Hydrochloric acid 766430 Hydrogen cyanide 778306 Hydrogen sulfide 778306 Soprene 7875 Sopropanolamine dodecylbenzenesulfonate Lead acetate 30104 Lead arsenate 778346 Lead fluoride 778346 Lead fluoride 778346 Lead iodide 1010163 Lead nitrate 100997 Lead stearate 742848 10723 5265256 Lead sulfate 744614 Lead sulfate 5828 Lindane 5888 Lithium chromate 1430738	Green vitriol		**************
Ferrous sulfate 772078 778263 778263 778263 778263 778263 778263 778263 778263 778263 778263 778263 778263 778263 778263 778263 7826	Green vitriol		v
- ormaldehyde	Iron vitriol, iron sulfate, iron protosulfate Methyl aldehyde, methanal, formalin	***************************************	***************************************
Formaldehyde 5000 Formic acid 6418 Furnaric acid 11017 Furfural 9801 Suthion 9805 Feptachlor 7644 Feytachlorocyclopentadiene 7747 Flydrochloric acid 76470 Flydrogen cyanide 7490 Flydrogen sulfide 778306 Flydrogen sulfide 778306 Flydrogen sulfide 7875 Flydropen sulfide 7875 Flydrogen 14350 Ead acetate 30104 Flydrogen 14350 Ead acetate 30104 Flydrogen 14350 Ead acetate 101024 F	Methyl aldehyde, methanal, formalin		***************************************
Formic acid 6418 Furnaric acid 11017 Furfural 9801 Suthion 8650 Teptachlor 76440 Teytrochloric acid 76470 Tydrochloric acid 76470 Tydrogen cyanide 778306 Tydrogen sulfide 778306 Tydrogen sulfide 788306 Tydrogen 98306 Tydro		****************	
Furfural 9801 Guthion 8650 Heptachlor 7644 Heyachlorocyclopentadiene 7744 Hydrochloric acid 76470 Hydrogen cyanide 77830 Hydrogen sulfide 77830 Soprene 7875 Sopropanolamine dodecylbenzenesulfonate. Lead acetate 30104 Lead arsenate 778440 Lead chloride 77830 Lead fluoborate 1381496 Lead iodide 1010162 Lead stearate 100997 Lead stearate 100997 Lead stearate 742646 Lead sulfate 1010723 Lead sulfate 744614 Lead sulfate 13148 Lead sulfate 5828 Lithium chromate 1430738 Lithium chromate 1430738			***************************************
Furfural 9801 Guthion 8650 Heptachlor 7644 Hexachlorocyclopentadiene 7747 Hydrochloric acid 76470 Hydrogen cyanide 7490 Hydrogen sulfide 778306 soprene 7875 Isopropanolamine 4250446 dodecylbenzenesulfonate. Kepone 14356 Lead acetate 30104 Tread 16100 162 Lead fluoborate 1381496 Lead fluoride 778346 Lead stearate 100997 Lead stearate 100997 Lead stearate 100997 Lead sulfate 131487 Lead sulfate 59287 Lead chliride 582565256 Lead sulfate 58286 Lindane 5888 Lithium chromate 1430738		(Marie Marie	
Guthlon 8650 Heptachlor 7644 Hexachlorocyclopentadiene 76470 Hydrochloric acid 76643 Hydrogen cyanide 7490 Hydrogen sulfide 77830 Isoprene 7875 Isopropanolamine 4250446 dodecylbenzenesulfonate. 4250446 Kepone 14350 Lead acetate 30104 Lead arsenate 77840 76452e 1010246 12004 76452e 131446 1381496 12005 1381496 12006 1381496 12007 778346 12008 100106 12009 778346 12009 742846 10723 5265256 12625 744614 12009 742846 12009 742846 12009 742846 12009 742846 12009 742846 12009 742846 1200	ethylenedicarboxylic acid, boletic acid, allomaleic acid.	102001000000000000000000000000000000000	73,212.003,212.000
Guthion 8650 Heptachlor 7644 Hexachlorocyclopentadiene 76470 Hydrochloric acid 76643 Hydrogen cyanide 7490 Hydrogen sulfide 77830 Isoprene 7875 Isopropanolamine 4250446 dodecylbenzenesulfonate 4250446 Kepone 14350 Lead acetate 30104 Lead arsenate 77840 Fead fluoborate 1381496 Lead fluoride 778346 Lead iodide 101016 Lead iodide 100997 Lead stearate 742846 Lead sulfate 742846 Lead sulfate 13148 Lead sulfate 13148 Lead thiocyanate 5285 Lindane 588 Lithium chromate 1430738			710000000000000000000000000000000000000
Teptachlor	Cucathian azinahas matkul		
dexachlorocyclopentadiene	Gusathion, azinphos-methyl	*****************	*************
Iydrochloric acid	Velsicol-104, Drinox, Heptagran	***********	*************
Sydrofluoric acid 766438 7490 7490 778306 7878		*******************	(49900,000000000000000000000000000000000
Tydrogen cyanide			**************
178306			
Soprene 7875 Sopr		****************	**************
30104 14356 143573 14	Hydrosulfuric acid sulfur hydride	FF17795777475490444	***************************************
30104 14356 143573 14		130000000000000000000000000000000000000	***************************************
Lead acetate 30104 Lead arsenate 778440 764525 1010248 Lead chloride 775895 Lead fluoborate 1381496 Lead iodide 1010165 Lead iodide 1009974 Lead stearate 742848 107235 5265255 Lead sulfate 744614 Lead sulfate 13148 Lead thiocyanate 59287 Lindane 588 Lithium chromate 1430735			
Lead arsenate 778440 76452t 1010248 101024t 1010248 101024t 775895 Lead fluoborate 138149t Lead iodide 1010165 Lead intrate 1009974 Lead stearate 742848 10723t 5265255 Lead sulfate 744614 Lead sulfate 13148 Lead thiocyanate 59287 Lindane 588 Lithium chromate 1430738	decachlorooctahydro-1,3,4-metheno-2H- cyclobuta(cd)pentalen-2-one.	***************************************	::4********
764525 1010248 1010248 1010248 1010248 1010248 1010248 10210248 102102 1	Sugar of lead	****************	TOTAL CONTRACTOR
Lead chloride 775899 Lead fluoborate 1381496 Lead fluoride 778349 Lead iodide 1010163 Lead nitrate 1009974 Lead stearate 742848 107236 5265259 Lead sulfate 744614 Lead sulfide 131487 Lead thiocyanate 59287 Lindane 5888 Lithium chromate 1430738			*****************
ead chloride 77589 ead fluoborate 1381496 ead fluoride 778346 ead iodide 1010165 ead nitrate 1009974 ead stearate 742848 10723 5265255 ead sulfate 744614 ead sulfide 13148 ead thiocyanate 5928 indane 588 ithium chromate 1430738		*****************	
ead chloride 77589 ead fluoborate 1381496 ead fluoride 778346 ead iodide 1010165 ead nitrate 1009974 ead stearate 742848 10723 5265255 ead sulfate 744614 ead sulfide 13148 ead thiocyanate 5928 indane 588 ithium chromate 1430738		***************************************	(**************************************
ead fluoborate 1381496 ead fluoride 778346 ead iodide 1010163 ead nitrate 100997 ead stearate 742848 10723 5265256 ead sulfate 744614 ead sulfide 13148 ead thiocyanate 59287 indane 588 ithium chromate 1430738		1734-742-822-340-140-742-22-4-22-4-2-2-4-2-4-2-4-2-4-2-4-2-4	Photo-to-commission
_ead fluoride 778346 _ead lodide 1010163 _ead nitrate 1009974 _ead stearate 742848 _107235 5265256 _ead sulfate 744614 _ead thiocyanate 59287 _indane 5888 _ithium chromate 1430735		international contracts	
_ead iodide 1010163 _ead nitrate 1009974 _ead stearate 742848 107233 5265259 _ead sulfate 744614 _ead thiocyanate 59287 _indane 5888 _ithium chromate 1430738		***************************************	
_ead nitrate 1009974 _ead stearate 74284		accommunity of the same of the	
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107235 5265256 744614 Lead sulfide		***************************************	***************
107235 5265256 744614 Lead sulfide		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
_ead sulfate		***************************************	
_ead sulfate 744614 _ead sulfide 131487 _ead thiocyanate 59287 _indane 5888 _ithium chromate 1430738	The state of the s		***************
_ead sulfide 131487 _ead thiocyanate 59287 _indane 5889 _ithium chromate 1430735		***************************************	******************
ead thiocyanate 59287 Indane 5889 Ithium chromate 1430738		CARCAGO CONTRAGO CON	
indane 5889 ithlium chromate 1430738		***************************************	340000000000000000000000000000000000000
ithium chromate 1430735		***************************************	
		***************************************	***************************************

Valathion 12175	Phospothion	***************************************	
Maleic acid11016		11111111111111111111111111111111111111	· www.marritim
Maleic anhydride1083			***************************************
Mercaptodimethur 20368	ethylenedicarboxylic acid, toxilic acid.		
Mercuric cyanide 59204	ethylenedicarboxylic acid, toxilic acid. 2,5-furandione, cls-butenedioic anhydride, toxilic anhydride.	***************************************	
Mercuric nitrate	ethylenedicarboxylic acid, toxilic acid. 2,5-furandione, cls-butenedioic anhydride, toxilic anhydride. Mesurol	***************************************	-27 8000 - 27 8000
	ethylenedicarboxylic acid, toxilic acid. 2,5-furandione, cis-butenedioic anhydride, toxilic anhydride. Mesurol Mercury cyanide		**************
Mercuric sulfate	ethylenedicarboxylic acid, toxilic acid. 2,5-furandione, cis-butenedioic anhydride, toxilic anhydride. Mesurol Mercury cyanide Mercury ritrate, mercury pernitrate	***************************************	****************
Mercuric thiocyanate 5928	ethylenedicarboxylic acid, toxilic acid. 2,5-furandione, cis-butenedicic anhydride, toxilic anhydride. Mesurol Mercury cyanide Mercury nitrate, mercury pernitrate Mercury sulfate, mercury persulfate	*****************	*******************************

Environmental Protection Agency

Common name	CAS No.	Synonyms	Isomers	CAS No.
Mercurous nitrate	7782867			
Widredioos mitale	10415755		Seminore continuous or	(277.000.0007773.00077
PARTICLUS CONTROL	THE PARTY OF THE PARTY OF THE PARTY.	Mercury protonitrate		
Methoxychlor	72435	DMDT, methoxy-DDT	1044040001017979551014	***************
Methyl mercaptan	74931	Methanethiol, mercaptomethane, methyl sulfhydrate, thiomethyl alcohol.	300000000000000000000000000000000000000	***********************
Methyl methacrylate	80626	Methacrylic acid methyl ester, methyl-2-meth- yl-2-propenoate.	110111111111111111111111111111111111111	Manager Transcor
Methyl parathion	298000	Nitrox-80	107934774107077777777	*************
Mevinphos	7786347	Phosdrin	1200001200110011001	222422222222
Mexacarbate	315184	Zectran		
Monoethylamine	75047			Witness Witness
	74895	Ethylamine, aminoethane	(1)30130110033333333333	201000000000000000000000000000000000000
Monomethylamine	A STATE OF THE STA	Methylamine, aminomethane	100000000000000000000000000000000000000	*************
Naled	300765	Dibrom		discountings.
Naphthalene	91203	White far, far camphor, naphthalin	S1000000000000000000000000000000000000	***************
Naphthenic acid	1338245	Cyclohexanecarboxylic acid, hexahydrobenzoic acid.		***************************************
Nickel ammonium sulfate	15699180	Ammonium nickel sulfate	(4)210001210000121000	***************************************
Nickel chloride	37211055	Nickelous chloride		***************************************
	7718549	1	200020000000000000000000000000000000000	200000000000000000000000000000000000000
Nickel hydroxide	12054487	Nickelous hydroxide	434100000000000000000000000000000000000	**************
Nickel nitrate	14216752	tanaman and a same a s		**************
Nickel sulfate	7786814	Nickelous sulfate		
				20.77
Nitric acid	7697372	Aqua fortis	=74321414400000000000000000000000000000000	35576533350505555355
Nitrobenzene	98953	Nitrobenzol, oil of mirbane	310000000000000000000000000000000000000	***************************************
Nitrogen dioxide	10102440	Nitrogen tetraoxide		***************************************
Nitrophenol (mixed)	25154556	Mononitrophenol	m	554847
10			0	88755
			p	100027
Nitrotoluene	1321126	***************************************	Ortho	88722
	1041114		Meta	99081
			Odd Contract Contribution	99990
m-version and the contract of	OOFOCO A	Manager Printeres (Washington Controlled)	Para	14 54 124 425 125 125
Paraformaldehyde	30525894	Paraform, Formagene, Triformol, polymerized formaldehyde, polyoxymethylene.	120212711700A856N-070A3	
Parathion	56382	DNTP, Niran		*************
Pentachlorophenol	87865	PCP, Penta		***************************************
Phenol	108952	Carbolic acid, phenyl hydroxide,		
Phosgene	75445	hydroxybenzene, oxybenzene. Diphosgene, carbonyl chloride, chloroformyl		Telescore
		chloride.		
Phosphoric acid	7664382	Orthophosphoric acid		() - 11 - 2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Phosphorus	7723140	Black phosphorus, red phosphorus, white phosphorus, yellow phosphorus.	(MATHEMATICAL)	
Phosphorus oxychloride	10025873	Phosphoryl chloride, phosphorus chloride	1001161011019999999	31130139311130393
Phosphorus pentasulfide	1314803	Phosphoric sulfide, thiophosphoric anhydride, phosphorus persulfide.	(2007)2/2/200227-1100	-11001111111111111111111111111111111111
Phosphorus trichloride	7719122	Phosphorous chloride	100000000000000000000000000000000000000	1011-0000-00111-0000-0
Polychorinated biphenyls	1336363	PCB, Aroclor, polychlorinated diphenyls		
Potassium arsenate	7784410	POD, Arocior, polytrilorinated diphertyls		
Detresion execute			PROGRESS CONTROL DESCRIPTION	
Potassium arsenite	10124502	Potassium metaarsenite	110000000000000000000000000000000000000	******************
Potassium bichromate	7778509	Potassium dichromate	100000000000000000000000000000000000000	
Potassium chromate	7789006	***************************************	massassmassassma	
Potassium cyanide	151508		(3)	***************************************
Potassium hydroxide	1310583	Potassium hydrate, caustic potash, potassa	100000000000000000000000000000000000000	
Potassium permanganate	7722647	Chameleon mineral		
Propargite	2312358	Omite	-20100000000000000000000000000000000000	*/***************
Propionic acid	79094	Propanoic acid, methylacetic acid, ethylformic acid.	***************************************	***************************************
Propionic anhydride	123626	Propanoic anhydride, methylacetic anhydride		
Propylene oxide	75569	Propene oxide	***************************************	****************
	121299			
Pyrethrins		Pyrethrin I		.mm.mm.mm.m
Quinoline	121211 91225	Pyrethrin II	***************************************	***************************************
Resorcinol	108463	chinoleine, leucol. Resorcin, 1,3-benzenediol, meta-		*************
Selenium oxide	7446084	dihydroxybenzene. Selenium dioxide		
Silver nitrate	7761888	Nitric acid silver (1+) salt lunar caustic	***************************************	18000000000000000000000000000000000000
Sodium	7440235	Natrium		***************************************
	7631892	Disodium arsenate		
	7 170 1006	program dischare imminimization		
		Sodium metagreenite	THE SECRETARION OF THE PARTY OF	
Sodium arsenate	7784465 10588019	Sodium metaarsenite Sodium dichromate		

Common name	CAS No.	Synonyms	Isomers	CAS No.
Sodium bisulfite	7631905	Sodium acid sulfite, sodium hydrogen sulfite	11211710-111-11111-1111	Accesses and the second
Sodium chromate	7775113	The state of the s		
Sodium cyanide	143339		***************************************	*************

Sodium dodecylbenzene-sulfonate	25155300	Villa colla	***************************************	***************
Sodium fluoride	7681494	Villiaumite	***************************************	*************
Sodium hydrosulfide	16721805	Sodium hydrogen sulfide		***************************************
Sodium hydroxide	1310732	Caustic soda, soda lye, sodium hydrate	101111111111111111111111111111111111111	***************
Sodium hypochlorite	7681529	Bleach		
20121 10-10-1	10022705		*************	
Sodium methylate	124414	Sodium methoxide	***************************************	*************
Sodium nitrite	7632000	***************************************	/*******	**************
Sodium phosphate, dibasic	7558794	***************************************		
	10039324		***************************************	***************************************
1	10140655			***************************************
Sodium phosphate, tribasic	7785844	***************************************	***************************************	**************
	7601549			
	10101890	***************************************	***************************************	************
	10361894	***************************************		***************
1	7758294	***************************************		
	10124568	***************************************	The state of the s	**************
Sodium selenite	10102188	***************************************		***************************************
	7782823			***************************************
Strontium chromate	7789062		****************	**************
	57249	(to the control of th		
Strychnine	100425	Visubonana shandaladana okusi	******************	*************
Styrene	100425	Vinylbenzene, phenylethylene, styrol, styrolene, cinnamene, cinnamol.		***************************************
Sulfuric acid	7664939	Oil of vitriol, oleum		***************************************
Sulfur monochloride	12771083	Sulfur chloride		
2,4,5-T acid	93765	2,4,5-trichlorophenoxyacetic acid		*****************
	6369966			faces-103100-100
2,4,5-T amines	6265960	Acetic acid (2,4,5-trichlorophenoxy)-compound	(*****)))*************	***************************************
	6369977	with N,N-dimethylmethanamine (1:1). Acetic acid (2,4,5-trichlorophenoxy)-compound with N-methylmethanamine (1:1).		**************
	1319728	Acetic acid (2,4,5-trichlorophenoxy)-compound with 1-amino-2-propanol (1;1).		
	3813147	Acetic acid (2,4,5-trichlorophenoxy)-compound with 2,2'2"-nitrilotris [ethanol] (1:1).	++++++	
2,4,5-T esters	2545597	2,4,5-trichlorophenoxyacetic esters	***************************************	**************
	93798	***************************************	***************************************	************************
	61792072		**************	
	1928478			
	25168154	***************************************	***************************************	**************
2,4,5-T salts	13560991	Acetic acid (2,4,5-trichlorophenoxy)-sedium		***************************************
TDE	72548	salt.		
2,4,5-TP acid	93721	Propanoic acid 2-(2,4,5-trichlorophenoxy)		
2,4,5-TP esters	32534955	Propanoic acid, 2–(2,4,5–trichlorophenoxy)-, isooctyl ester.	***************************************	***************************************
Tetraethyl lead	78002	Lead tetraethyl, TEL		
Fetraethyl pyrophosphate	107493	TEPP	***************************************	***************************************
Thallium sulfate	10031591			***************************************
THE STREET CONTRACTOR STREET,	7446186	***************************************	(14331149441440491444	
Foluene	108883	Toluol, methylbenzene, phenylmethane, Methacide.	***************************************	***************************************
Toxaphene	8001352	Camphechlor	******************	***************************************
Trichlorton	52686	Dipterex	***************************************	
Trichlorethylene	79016	Ethylene trichloride		
Frichlorophenol	25167822	Collunosol, Dowicide 2 or 2S, Omal,	(2,3,4-)	15950660
The state of the s	LUTURE	Phenachlor.	(2,3,5-)	933788
		The state of the s		
			(2,3,6-)	933755
			(2,4,5-)	95954
			(2,4,6-)	88062
Edath analogue -	0700044		(3,4,5-)	609198
Triethanolamine dodecylbenzenesulfonate,	27323417	***************************************		
Triethylamine	121448		****************	***************************************
Frimethylamine	75503	TMA	***************************************	************
Uranyl acetate	541093		******************	***************************************
Uranyl nitrate	10102064		(1111)11/11/11/11/11/11/11	
Cricilly I lillicite	ACCURACY CONTRACTOR OF TAXABLE			
oranyi made	36478769		*********************	************

Common name	CAS No.	Synonyms	Isomers	CAS No.
Vanadyl sulfate	27774136	Vanadic sulfate, vanadium sulfate		
Vinyl acetate	108054	Acetic acid ethylene ether		
Vinylidene chloride	75354	1,1-dichlorethylene	****************	**************
		1,1-dichloroethene		
Xylene (mixed)	1330207	Dimethylbenzene	m	108383
		Xylol	0	95476
		The state of the s	p	106423
Xylenol	1300716	Dimethylphenol, hydroxydimethylbenzene	****************	*****************
Zinc acetate	557346			
Zinc ammonium chloride	14639975	(110,001)(10,000)(10,00	***************************************	***************************************
	14639986		***************************************	*************
	52628258			
Zinc borate	1332076	***************************************	***************************************	***************************************
Zinc bromide	7699458			
Zinc carbonate	3486359			
Zinc chloride	7646857	Butter of zinc	***************************************	*************
Zinc cyanide	557211			***************************************
Zinc fluoride	7783495			
Zinc formate	557415	***************************************	200000000000000000000000000000000000000	**************
Zinc hydrosulfite	7779864			
Zinc nitrate	7779886			
Zinc phenolsulfonate	127822	Zinc sulfocarbolate	***************************************	**************
Zinc phosphide	1314847			
Zinc silicofluoride	16871719	Zinc fluosilicate		
Zinc sulfate	7733020	White vitriol, zinc vitriol, white copperas	- Marine Marine Marine	
Zirconium nitrate	13746899	This thirt are thirt with appared this		
Zirconium potassium fluoride	16923958	***************************************	***************************************	
Zirconium sulfate	14644612	Disulfatozirconic acid	***************************************	
Zirconium tetrachloride	10026116	District and an analysis and a	410 Y 110 Y 140 GH 17 Y 10 Y	*************
ensement temestration immunition	10000110			*************

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name	CAS No.	Common name
50000	Formaldehyde	78002	Tetraethyl lead
50293	DDT	78795	Isoprene
51285	2,4-Dinitrophenol	78819	iso-Butylamine
52686	Trichlorfon	79094	Propionic acid
56382	Parathion	79312	iso-Butyric acid
56724	Cournaphos	79367	Acetyl chloride
57249	Strychnine	80626	Methyl methacrylate
57749	Chlordane	85007	Diquat
58899	Lindane	86500	Guthion
80004	Ethylenediaminetetraacetic	87865	Pentachlorophenol
	acid (EDTA)	88755	o-Nitrophenol
60571	Dieldrin	91203	Naphthalene
62533	Aniline	91225	Quinoline
62737	Dichlorvos	93765	2,4,5-T acid
53252	Carbaryl	93798	2,4,5-T ester
64186	Formic acid	94111	2.4-D ester
64197	Acetic acid	94757	2,4-D acid
65850	Benzoic acid	94791	2.4-D ester
67663	Chloroform	94804	2.4-D Butyl ester
71432	Benzene	95476	o-Xylene
72208	Endrin	95487	o-Cresol
72435	Methoxychlor	98011	Furfural
72548	TDE	98884	Benzoyl chloride
74895	Monomethylamine	98953	Nitrobenzene
74908	Hydrogen cyanide	99650	m-Dinitrobenzene
74931	Methyl mercaptan	100027	p-Nitrophenol
75047	Monoethylamine	100254	p-Dinitrobenzene
75070	Acetaldehyde	100414	Ethylbenzene
75150	Carbon disulfide	100425	Styrene
75207	Calcium carbide	100447	Benzyl chloride
75445	Phosgene	100470	Benzonitrile
75503	Trimethylamine	105464	sec-Butyl acetate
75649	tert-Butylamine	106423	p-Xylene
75865	Acetone cyanohydrin	106445	p-Cresol
75990	2,2-Dichloropropionic acid	107028	Acrolein
76448	Heptachlor	107051	Allyl chloride
Contract annual contraction of	repetition	TOTOGT COMMISSION	Any chloride

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name	CAS No.	Common name
07131	Acrylonitrile	1066304	Chromic acetate
7153	Ethylenediamine	1066337	Ammonium bicarbonate
7186	Allyl alcohol	1072351	Lead stearate
7493	Tetraethyl pyrophosphate	1111780	Ammonium carbamate
7926	n-Butyric acid	1185575	Ferric ammonium citrate
8054	Vinyl acetate	1194656	Dichlobenil
8247	Acetic anhydride	1300716	Xylenol
8316	Maleic anhydride	1303282	Arsenic pentoxide
8383	m-Xylene	1303328	Arsenic disulfide
8394	m-Cresol	1303339	
8463	Resorcinal	1309644	Arsenic trisulfide
8883	Toluene	1310583	Antimony trioxide
8907	Chlorobenzene		Potassium hydroxide
8952		1310732	Sodium hydroxide
	Phenol	1314621	Vanadium pentoxide
9739	n-Butylamine	1314803	Phosphorus pentasulfide
9897	Diethylamine	1314847	Zinc phosphide
0167	Maleic acid	1314870	Lead sulfide
0178	Furnaric acid	1319773	Cresol (mixed)
0190	iso-Butyl acetate	1320189	2,4-D ester
0827	Cyclohexane	1327533	Arsenic trioxide
5297	Endosulfan	1330207	Xylene
5322	Dicotol	1332076	Zinc borate
7806	Dichlone	1333831	Sodium bifluoride
1211	Pyrethrin	1336216	Ammonium hydroxide
1299	Pyrethrin	1336363	Polychlorinated biphenyls
1448	Triethylamine	1338245	Naphthenic acid
1755	Malathion	1341497	Ammonium bifluoride
3626			
	Propionic anhydride	1762954	Ammonium thiocyanate
3864	n-Butyl acetate	1863634	Ammonium benzoate
3922	iso-Arnyl acetate	1918009	Dicamba
4403	Dimethylamine	1928387	2,4-D esters
4414	Sodium methylate	1928478	2,4,5-T ester
7822	Zinc phenolsulfonate	1928616	2,4-D ester
3062	Captan	1929733	2,4-D ester
2712	Cupric acetate	2545597	2,4,5-T ester
3339	Sodium cyanide	2764729	Diquat
1508	Potassium cyanide	2921882	Chlorpyrifos
8000	Methyl parathion	2944674	Ferric ammonium oxalate
8044	Disulfoton	2971382	2,4-D ester
0765	Naled	3012655	Ammonium citrate, dibasic
11042	Lead acetate	3164292	Ammonium tartrate
9002	Aldrin	3251238	
5184			Cupric nitrate
	Mexacarbate	3486359	Zinc carbonate
9715	2,5-Dinitrophenol	5893663	Cupric oxalate
0541	Diuron	5972736	Ammonium oxalate
3415	Diazinon	6009707	Ammonium oxalate
6774	Cyanogen chloride	6369966	2,4,5-T ester
6876	Ammonium carbonate	7428480	Lead stearate
6967	Acetyl bromide	7440235	Sodium
3495	sec-Butylamine	7446084	Selenium oxide
8290	o-Dinitrobenzene	7446142	Lead sulfate
0885	tert-Butyl acetate	7447394	Cupric chloride
1093	Uranyl acetate	7558794	Sodium phosphate, dibasic
2621	Barium cyanide	7601549	Sodium phosphate, tribasic
3908	Cadmium acetate	7631892	
4183	Cobaltous formate	7631905	Sodium arsenate
			Sodium bisulfite
4847	m-Nitrophenol	7632000	Sodium nitrite
7211	Zinc cyanide	7645252	Lead arsenate
7346	Zinc acetate	7646857	Zinc chloride
7415	Zinc formate	7647010	Hydrochloric acid
3122	Ethion	7647189	Antimony pentachloride
3568	2,6-Dinitrophenol	7664382	Phosphoric acid
2018	Calcium cyanide	7664393	Hydrofluoric acid
2041	Mercuric cyanide	7664417	Ammonia
2858	Mercuric thiocyanate	7664939	Sulfuric acid
2870	Lead thiocyanate	7681494	
			Sodium fluoride
25161	tert-Amyl acetate	7681529	Sodium hypochlorite
6380	sec-Amyl acetate	7697372	Nitric acid
8637	n-Amyl acetate	7699458	Zinc bromide
1618	Ammonium acetate	7705080	Ferric chloride
TWITE CONTENTED			

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

TABLE 116.4B—LIST OF HAZARDOUS SUBSTANCES BY CAS NUMBER—Continued

CAS No.	Common name	CAS No.	Common name
719122	Phosphorus trichloride	10415755	Mercurous nitrate
720787	Ferrous sulfate	10421484	Ferric nitrate
722647	Potassium permanganate	10588019	Sodium bichromate
723140	Phosphorus	11115745	Chromic acid
733020	Zinc sulfate	12002038	Cupric acetoarsenite
758294	Sodium phosphate, tribasic	12054487	Nickel hydroxide
758943	Ferrous chloride	12125018	Ammonium fluoride
758954	Lead chloride	12125029	Ammonium chloride
758987	Cupric sulfate	12135761	Ammonium sulfide
773060	Ammonium sulfamate	12771083	Sulfur chloride
775113	Sodium chromate	13597994	Beryllium nitrate
778441 778509	Calcium arsenate	13746899	Zirconium nitrate
778543	Potassium bichromate	13765190	Calcium chromate
779864	Calcium hypochlorite Zinc hydrosulfite	13814965	Lead fluoborate
779886	Zinc hydrosume Zinc nitrate	13826830	Ammonium fluoborate
782505	Chlorine	13952846	sec-Butylamine
782630	Ferrous sulfate	14017415	Cobaltous sulfamate
782823	Sodium selenite	14216752	Nickel nitrate
782867	Mercurous nitrate	14258492	Ammonium oxalate
783359	Mercuric sulfate	14307358	Lithium chromate
783462	Lead fluoride	14307438	Ammonium tartrate
783495	Zinc fluoride	14639975	Zinc ammonium chloride
783508	Ferric fluoride	14639986	Zinc ammonium chloride
783564	Antimony trifluoride	14644612	Zirconium sulfate
784341	Arsenic trichloride	15699180	Nickel ammonium sulfate
784409	Lead arsenate	16721805	Sodium hydrosulfide
784410	Potassium arsenate	16871719	Zinc silicofluoride
784465	Sodium arsenite	16919190	Ammonium silicofluoride
785844	Sodium phosphate, tribasic	16923958	Zirconium potassium fluoride
786347	Mevinphos	25154545	Dinitrobenzene
786814	Nickel sulfate	25154556	Nitrophenol
787475	Beryllium chloride	25155300	Sodium dodecylbenzenesulfonate
787497	Beryllium fluoride	25167822	Trichlorophenol
787555	Beryllium nitrate	25168154	2.4,5-T ester
788989	Ammonium chromate	25168267	2,4-D ester
789006	Potassium chromate	26264062	Calcium dodecylbenzenesulfonate
789062	Strontium chromate	27176870	Dodecylbenzenesulfonic acid
789095	Ammonium bichromate	27323417	Triethanolamine
789426	Cadmium bromide	Ergedall	
789437	Cobaltous bromide	27774136	dodecylbenzenesulfonate Vanadyl sulfate
789619	Antimony tribromide	28300745	Antimony potassium tartrate
790945	Chlorosulfonic acid	30525894	Paraformaldehyde
001352	Toxaphene	36478769	Uranyl nitrate
0022705	Sodium hypochlorite	37211055	Nickel chloride
0025873	Phosphorus oxychloride	42504461	Dodecylbenzenesulfonate
0025919	Antimony trichloride	42004401	
0026116	Zirconium tetrachloride	52628258	Isopropanolamine
0028225	Ferric sulfate		Zinc ammonium chloride
0028247	Sodium phosphate, dibasic	52740166 53467111	Calcium arsenite
0039324	Sodium phosphate, dibasic	55488874	2,4-D ester
0043013	Aluminum sulfate	61792072	Ferric ammonium oxalate
0045893	Ferrous ammonium sulfate	01/920/2	2,4,5-T ester
0045940	Mercuric nitrate		
0049055	Chromous chloride	143 FR 10474 N	Mar. 13, 1978; 43 FR 27533, Jun
0099748	Lead nitrate		
0101538	Chromic sulfate		nended at 44 FR 10268, Feb. 16
0101630	Lead iodide	1979; 44 FR 65	400, Nov. 13, 1979; 44 FR 6660;
0101890	Sodium phosphate, tribasic	Nov. 20, 1979; 5	4 FR 33482, Aug. 14, 1989]
0102064	Uranyl nitrate		
		DADT 117	DETERMINIATION OF DE
0102188	Sodium selenite		DETERMINATION OF RE
	Nitrogen dioxide	PORTABLI	E QUANTITIES FOR HAZ
0102484	Lead arsenate		SUBSTANCES
0108642	Cadmium chloride	AKDOUS	30D3IANCE3
0124502	Potassium arsenite		
0124568	Sodium phosphate, tribasic	Subpart	A—General Provisions
0140655	Sodium phosphate, dibasic	Juspan	A General Hovisions
0192300	Ammonium bisulfite	Sec.	
0196040	Ammonium sulfite	500 T476 FO 2225 DESCRIPTION	
	Sodium phosphate, tribasic	117.1 Definition	ons
0361894	Cupric sulfate, ammoniated	117.2 Abbrevi	

"OOO1213338" "122201198" O1700022"

Farmers & Merchants Bank

Main Office 302 Pine Avenue Long Beach, CA 90802 For Cashier's Checks Only:

THE PURCHASER/REMITTER DOES NOT HAVE THE RIGHT TO PLACE A STOP PAYMENT ON THIS CHECK.

The Bank is bound to honor this check if presented for payment within 90 days of issuance even if the transaction is rescinded.

REMITTER:

OCEAN BLUE ENVIRONMENTAL SERVICES PNC 8/02/23

925 W ESTHER ST

THE CITY OF PERRIS

EXACTLY **230,000 AND 00/100 DOLLARS

\$230,000.00

1213338

CUSTOMER - FILE COPY

CASHIER'S CHECK

COMMENT_____BIDDER'S CHECK

AUTHORIZED SIGNATURE

NOT NEGOTIABLE



PREFERRED RATES FOR CITY OF PERRIS EFFECTIVE AUGUST 1, 2023

DEFINITIONS

Straight Time: Monday through Friday, from 7:00 AM to 4:00 PM

Overtime: Monday through Friday, before 7:00 AM and after 4:00 PM,

and all day on Saturdays

Premium Time: Sundays, Following Holidays

HOLIDAYS OBSERVED

New Year's Day
Martin Luther King, Jr.'s Birthday
Presidents Day
Veterans Day
Memorial Day
Fourth of July
Day after Thanksgiving
Columbus Day

Christmas Day

MINIMUM CHARGES

Four (4) hour minimum charges will apply to all call outs. Portal to Portal rates apply. Time charges include personnel, equipment and materials for preparation, mobilization, travel to and from site, demobilization, decontamination, transportation and unloading.

DISPOSAL AND OUTSIDE COSTS

All disposal, services, non-heavy equipment rentals, and materials not on the rate sheet will be billed at cost plus a twenty percent (20%) handling charge. Heavy equipment rental will be billed at cost plus twenty five percent handling charge due to high liability cost.

PREVAILING WAGE

An additional \$40 per hour will be added to personnel and equipment with operator rate.

PAYMENT TERMS

All terms are net-thirty (30) days upon receipt of invoice, unless previous arrangements have been made. All emergency response work for non-established customers is C.O.D.



1. HAZARDOUS WASTE-TRAINED PERSONNEL HOURLY RATE

CLASSIFICATION	STRAIGHT <u>TIME</u>	OVER- <u>TIME</u>	PREMIUM <u>TIME</u>
PROJECT MANAGER	157.80	206.90	206.90
SUPERVISOR	121.60	145.00	166.00
CHEMIST / INDUSTRIAL HYGIENIST	242.00	277.00	277.00
LEAD TECHNICIAN	84.20	122.70	160.20
EQUIPMENT OPERATOR	80.70	121.60	155.50
TECHNICIAN	76.10	107.50	140.30
ILWU (INT. LONGSHORE & WHSE UNION) TECH	106.40	159.00	213.90

ALL PERSONNEL HAVE AT A MINIMUM, 40-HR HAZ-WOPER TRAINING AS SPECIFIED BY 29 CFR 1910.120

2. CERTIFIED HAZARDOUS WASTE TRANSPORTATION VEHICLES HOURLY RATE

UTILITY TRUCK 4X4 W/TRAFFIC CONTROL LIGHTS & LIFTGATE	66.70
GEAR TRUCK W/ LIFTGATE	66.70
EMERGENCY RESPONSE UNIT - LARGE	309.80
EMERGENCY RESPONSE UNIT - SMALL	215.20
VACUUM TRAILER - 20 BBL	72.50
VACUUM TRUCK - 70 BBL W/ ROPER PUMP*	177.70
VACUUM TRUCK - 120 BBL*	203.40
VACUUM TRUCK - 120 BBL STAINLESS STEEL*	230.40
AIR EXCAVATOR*	177.70
OMNI VAC - 85 BBL*	329.80
JETTER / VACTOR COMBO UNIT*	329.80
ROLL-OFF TRUCK*	177.70
ROLL-OFF TRUCK AND TRAILER*	203.40
TRASH COMPACTOR*	247.80
25' BOX VAN*	125.10
45' BOX VAN*	177.70
45' FLAT BED*	177.70
25' EQUIPMENT TRAILER	46.80

[&]quot;*" DENOTES EQUIPMENT INCLUDING OPERATOR. THESE WILL BE CHARGED AN ADDITIONAL \$29.00 PER HOUR FOR OVERTIME AND \$39.00 PER HOUR FOR PREMIUM TIME.

3. RESPIRATORY / CONFINED SPACE ENTRY EQUIPMENT

SELF-CONTAINED BREATHING APPARATUS (30 MIN.)	181.20	DAILY
6-PACK BREATHING AIR BOTTLES	363.60	DAILY
5-MINUTE EGRESS AIR BOTTLE	51.50	DAILY
TRIPOD W/DOUBLE WINCHES	325.00	DAILY
FULL BODY HARNESS W/ SHOCK ABSORBER	46.80	DAILY
SAFETY LINE	64.20	DAILY
COPPUS BLOWER	263.10	DAILY
4-GAS AIR MONITOR	398.80	DAILY
PID METER	551.80	DAILY
MERCURY VAPOR ANALYZER	691.00	DAILY



	OVA MONITOR PERSONAL 4 GAS METER ELECTRIC BLOWER	482.90 329.80 192.60	DAILY	
4. TRAF	FIC CONTROL			
	ARROW BOARD PORTABLE DECON STATION W/ARROWBOARD BARRICADES W/ REFLECTORS, EACH DELINEATOR/REFLECTIVE, EACH NO TURN RIGHT OR LEFT SIGNS, EACH TRAFFIC CONE/REFLECTIVE, EACH TRAFFIC CONTROL SIGNS 48"X48"/REFLECTIVE	2.40 21.10 3.50		
5. CLEA	NING EQUIPMENT			
	AIR COMPRESSOR CHEMICAL DIAPHRAGM PUMP DECONTAMINATION STATION DIAPHRAGM PUMP SUCTION/DISCHARGE HOSE (PER FOOT) LAYFLAT HOSE (PER FOOT) HYDROBLASTER INTRISICALLY SAFE PUMP FOR FUEL TANKS PRESSURE WASHER - 1,000 PSI 22 GPM PRESSURE WASHER - 3,500 PSI 6 GPM ENGINE DRIVEN PUMPS PORTABLE TRASH PUMP SUBMERSIBLE PUMP AIR SCRUBERS PORTABLE HEPA FILTERS FOR SCRUBBERS 55 GALLON CARBON SCRUBBER FOR VAC TRUCKS 3 STALL DECONTAMINATION SHOWER	415.10 282.90 297.00 1.20 1.20	DAILY DAILY DAILY HOURLY HOURLY HOURLY HOURLY DAILY DAILY DAILY DAILY DAILY DAILY DAILY	
6. POR	TABLE STORAGE UNITS			
	20-YARD BIN, OPEN TOP 20-YARD BIN, CLOSED TOP 40-YARD BIN, OPEN TOP 40-YARD BIN, CLOSED TOP 4" TANK MANIFOLD BIN LINERS	33.90 40.90 33.90 43.30 25.70 107.00	DAILY DAILY DAILY	
7. OIL SPILL EQUIPMENT				
	20' DRUM & SUPPLY TRAILER W/ 4' SIDES & 12,000 GVW BOOM TRAILER (STANDBY) W/ 1500' OF 8"x12" BOOM BOOM 8"x12" (DEPLOYED) BOOM 4"x12" (DEPLOYED) 22' TOW/SPILL CONTROL BOAT W/ 200 HP MOTOR 22' x 8' SELF POWERED BARGE 19' TOOL SPILL BOAT W/90HP	277.00 206.90 2.40 1.20 177.70 119.20	PER FT/DAY HOURLY HOURLY	



17' TOW/SPILL CONTROL BOAT W/ 40 HP MOTOR	99.40	HOURLY
14' TOW/SPILL CONTROL BOAT W/ 25 HP MOTOR	78.30	HOURLY
12' PUNTS	46.80	HOURLY
12' PUNTS W/ 5HP MOTOR	58.40	HOURLY
SPLASH ZONE 2-PART SEALER	217.40	PER GALLON
25 LBS ANCHORS W/ 15' CHAIN	19.80	DAILY
15 LBS ANCHORS W/ 10' CHAIN	14.00	DAILY
24" BOEYS	19.80	DAILY
EMERGENCY RESPONSE TRAILER	622.00	DAILY
ROPE MOP SKIMMER	206.90	HOURLY
DRUM SKIMMER TDS-136 W/ POWER PACK	277.00	HOURLY
SKIM-PAK SERIES 4000 W/ CONTROL SYSTEM	84.20	HOURLY
SKIMMER TRAILER	277.00	DAILY
ABSORBENT BOOM TRAILER	206.90	DAILY
ATV (ALL TERRAIN VEHICLE) W/TRAILER	361.20	DAILY
FORKLIFT TRAILER	131.00	DAILY

8. MATERIALS

RIALS		
10 GALLON DOT DRUM, STEEL	66.70	EACH
15 GALLON DOT DRUM, POLY	66.70	EACH
16 GALLON DOT DRUM, STEEL	66.70	EACH
20 GALLON DOT DRUM, STEEL	70.20	EACH
30 GALLON DOT DRUM, POLY	70.20	EACH
30 GALLON DOT DRUM, STEEL	70.20	EACH
5 GALLON DOT DRUM	24.60	EACH
55 GALLON DOT DRUM, POLY	81.90	EACH
55 GALLON DOT DRUM, STEEL	80.70	EACH
55 GALLON DOT DRUM, BIO	52.50	EACH
85 GALLON DRUM, OVERPAK, STEEL	295.90	EACH
95 GALLON DRUM, OVERPAK, POLY	295.90	EACH
ACID SPILFYTER NEUTRALIZER PER GALLON	102.90	EACH
BASE SPILFYTER NEUTRALIZER PER GALLON	102.90	EACH
BIO-SOLVE (HYDROCARBON ENCAPSULANT)	49.10	PER GALLON
BLEACH	5.90	PER GALLON
CHEMICAL POLY TOTES	426.70	EACH
CHLOR-D-TECT Q4000		EACH
CITRI-CLEAN, 55 GALLON	•	PER DRUM
DIESEL FUEL (EQUIPMENT)	7.10	PER GALLON
DRUM LINER	3.50	EACH
DUCT TAPE		PER ROLL
FACE SHIELD	17.50	
HAND AUGER	115.80	
HEPA VACUUM FILTER PROTECTORS		EACH
HEPA VACUUM REPLACEMENT BAGS		EACH
OIL SORBENT POM POMS		PER BALE
PLASTIC BAGS		PER BOX
PLASTIC SHEETING		PER ROLL
RAGS, 50 LB BOX	90.10	PER BOX



	ROPE 1/2 POLY, 100' ROLL	43.30	PER ROLL
	ROPE 5/8 POLY, 100' SPOOL	49.10	PER ROLL
	SAMPLE JARS - 1QT		EACH
	SAND BAGS		EACH
	SHRINK WRAP	40.90	ROLL
	SIMPLE GREEN		PER GALLON
	SODA ASH	8.10	PER GALLON
	SORBENT BOOM W/ JELLING MATERIAL	551.80	PER BALE
	SORBENT BOOM, 8"x10"		EACH
	SORBENT PADS 18"x18"x1/4" (200/BALE)	119.20	PER BALE
	SUPERFINE, 25 LB BAG		PER BAG
	TRIWALL BOXES	206.90	
	VACTOR FLEX HOSE 4"		PER FOOT
	VACTOR FLEX HOSE 6"		PER FOOT
	4' LIGHT TUBE CARDBOARD DRUM		EACH
	8' LIGHT TUBE CARDBOARD DRUM	85.40	EACH
<u>9. TOOI</u>	LS AND OTHER EQUIPMENT		
	CHEST WADERS	81.90	DAILY
	COM-A-LONG - 4000 LBS		DAILY
	CHAIN SAW	171.20	DAILY
	CHIPPING GUNS	160.50	DAILY
	CHIPPING BITS	42.80	EACH
	CUTTING TORCH	199.90	DAILY
	CUT OFF WHEELS	22.50	EACH
	DRILL	72.80	DAILY
	DRUM SAMPLING ROD (GLASS)	9.40	EACH
	DRUM VACUUM - 55 GALLON	159.00	DAILY
	EXTENSION LADDER	42.80	DAILY
	MANHOLE LADDER	101.70	DAILY
	CHAINS / STRAPS	16.10	DAILY
	FORK LIFT	292.30	DAILY
	GENERATOR, 10KV TRAILER MOUNTED	46.80	HOURLY
	GENERATOR, 5500 WATTS		DAILY
	HAND TOOLS	70.20	DAILY
	HAND WASHING STATION	66.70	DAILY
	HAZ-CAT KIT	26.90	
	HEAD LAMPS	16.10	
	HEAVY DUTY JETTER NOZZLES	313.30	
	HEPA VACUUM (DRY)	206.90	
	HIP WADERS	70.20	
	HOLE SAW	16.10	
	HUDSON SPRAYER	26.90	
	LIFE JACKETS	21.10	
	LIGHT STAND (2 BULBS)		DAILY
	LIGHT TOWER (4 BULBS)		DAILY
	MEALO ON ORUNO	44.00	E 4 O L L

11.60 EACH

MEALS ON SPILLS



MERCURY VACUUM	691.00	DAILY
MOTO MIX	42.80	GALLON
NON-SPARKING COLD CUTTER / RIVET BUSTER	131.00	DAILY
NON-SPARKING COLD CUTTER TIPS	40.90	EACH
PER DIEM ALLOWANCE ON TRAVEL	217.40	DAILY
PLUG & DIKE, 1 LB CAN	33.90	EACH
POLY SIPHON (POGO) PUMP	25.70	EACH
PORTABLE RESTROOM W/SINK	206.90	DAILY
PROFILING FEE (PER WASTE STREAM)	104.00	EACH
RADIO 2-WAY, INTRINSICALLY SAFE	55.00	DAILY
ROTARY HAMMER	149.80	DAILY
ROTARY BITS		EACH
SAWZALL		DAILY
STIHL CUT OFF SAW		DAILY
4" TANK HOOK		DAILY
TYGUARD PATCH TOOLKIT		DAILY
TYGUARD PATCH (250')		PER ROLL
TYGUARD (500')	•	PER ROLL
TRANSFER HOSES, 1 - 4"		DAILY
TRUCK RAMPS (30,000 LBS)		DAILY
VAPOR TIGHT DROP LIGHTS		DAILY
VENTILATION FAN		DAILY
WATER METER		DAILY
WATER TANK TRAILER W/ PUMP		DAILY
DRUM DOLLY	32.70	DAILY
10. PERSONAL PROTECTIVE EQUIPMENT (PPE)		
LEVEL "A" - FULLY ENCAPSULATED GAS-TIGHT	SUIT	
WITH SCBA	657.10	PER SET
LEVEL "B" - POLY-TYVEK THROUGH FULLY ENC	APSU-	
LATED SUIT, BUT NOT GAS TIGHT W	//SCBA 206.90	PER SET
LEVEL "C" - TYVEK THROUGH SARANEX SUIT W	'/ AIR	
PURIFYING RESPIRATOR	90.10	PER SET
LEVEL "D" - TYVEK, POLY-TYVEK, COVERALL OF	₹	
RAINGEAR SUIT WITH GLOVES, BOO	TS,	
HARDHAT AND SAFETY GLASSES	43.30	PER SET