

**INVENTORY OF ENVIRONMENTAL
TECHNOLOGIES FOR THE HOG INDUSTRY**

APPENDIX B: Full Listing of Companies Contacted

SUBMITTED BY:

CETAC-WEST



March 31, 1999

AAFC/CETAC-WEST Hog Inventory - Company Listings

Canada

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-05

Company:

Contact Name: Michel Morin

Address: 936 Rg St-Philippe
St-Anselme QC

Phone: 418-885-4790

Fax:

Email:

Website:

Technology/Product Name: Closed Vessel Composting

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-18

Company:

Contact Name: Richard Massicotte

Address: 407 Beaudoin
Joliette QC J6E 6C7

Phone: 450-756-8415

Fax: 450-756-8415

Email: enviro@megacom.net

Website:

Technology/Product Name: Bactericide Agent Production

Technology Description:

This process aims at reducing volume of manure while obtaining a bactericide agent. Anaerobic process. The agent obtained has potential in agriculture poultry and used in large quantities. Also potential in pharmaceutical industry.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-66

Company: AGRI Solutions

Contact Name: Chad Hughes

Address: 1530 18th Street N
Brandon MB R7C 1A5

Phone: 204-725-3960

Fax: 204-725-1382

Email:

Website:

Technology/Product Name:

Technology Description:

EMS aeration

Party responsible for promotion/distribution/developer of product:

Tech ID: O-01

Company: Agribands Purina Canada
Contact Name: Greg Simpson
Address: 404 Main Street
Woodstock ON N4S 7X5
Phone: 519-539-8561
Fax: 519-537-7883
Email: greg@agribands.ca
Website:

Technology/Product Name: Liquid Manure Core Sampling Device

Technology Description:

A simple core sampling device that can take samples from pit, lagoon, or storage at various levels. Ideal for producers who are interested in nutrient levels in manure for NMP's or prior to application. Low cost.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-49

Company: Agrinet / Bio/Masster
Contact Name: Brad Drechler
Address: #204, 4711 – 51 Ave.
Red Deer AB T4N 6H6
Phone: 403-347-7877
Fax: 403-347-7890
Email:
Website:

Technology/Product Name:

Technology Description:

Slurry separation

Party responsible for promotion/distribution/developer of product:

Tech ID: C-62

Company: AgWaste Management Corp.
Contact Name: Jean-Noel Guyot
Address: Box 179
Oak Bluff MB R0G 1N0
Phone: 204-895-4370
Fax: 204-895-4370
Email: agwaste@autobahn.mb.ca
Website:

Technology/Product Name:

Technology Description:

Provide custom surface application of liquid fertilizer through a line-tractor

Party responsible for promotion/distribution/developer of product:

Tech ID: O-09

Company: Air Liquide Canada Inc.
Contact Name: Sylvain Raymond
Address: 1700 Steeles Ave. East
Bramalea ON
Phone: 905-793-2000
Fax: 905-793-9257
Email: sylvain.raymond@airliquide.com
Website:

Technology/Product Name: Oxygen

Technology Description:

Oxygen injection in manure holding tanks can shift chemical reaction from anaerobic to aerobic and stops production of H₂O and CH₄ which are responsible for odor problems.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-06

Company: Andrey Levin, Independent Inventor/Consulter
Contact Name: A. Levin
Address: #118 - 8460 Lansdowne Rd.
Richmond BC V6X 3G8
Phone: 604-214-8164
Fax: 604-214-8164
Email: anlevin@sprint.ca
Website:

Technology/Product Name: Two-stage anaerobic digestion of organic wastes

Technology Description:

Proposed method of anaerobic digestion of high-solid mixes of organic wastes comprises of two consequent stages of digestion which are carried out in same temperature mode: primary digestion in conventional high-rate anaerobic digester with completely mixed media, followed by digestion of partly digested and sufficiently seeded effluent from primary digester in longitudinally-shaped consequent-flow digester. Anaerobic digestion provides recycling of raw manure / agricultural waste in organic fertilizer, with full energy recovery, odour and pathogenic bacteria control.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-54

Company: Aquasol Technologies
Contact Name: Jose Lourenco
Address: 17307 – 107 Avenue
Edmonton AB T5S 1E5
Phone: 403-487-4243
Fax: 403-487-8875
Email:
Website:

Technology/Product Name:

Technology Description:

Complete treatment - BAWT (biological animal waste treatment) process

Party responsible for promotion/distribution/developer of product:

Tech ID: C-74

Company: Atara Corporation
Contact Name: Dev Jassal
Address: 9700 Henri-Bourassa West
Ville St-Laurent QC H4S 1R5

Phone: 514-331-8332
Fax: 514-335-9346

Email:
Website:

Technology/Product Name:

Technology Description:

Integrated Biologically Active Clarification (IBAC)

Party responsible for promotion/distribution/developer of product:

Tech ID: C-28

Company: ATD Waste Systems Inc.
Contact Name: J.V. Van Slyke
Address: 3095 W 24th Ave.
Vancouver BC V6L 1R7

Phone: 604-736-4474
Fax: 604-736-4493

Email: vicatd@direct.ca
Website:

Technology/Product Name: Manure Recovery System

Technology Description:

Zero discharge on-farm chemical/mechanical system.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-24

Company: Benoit et Associes
Contact Name: Fernand W. Benoit
Address: 270 St-Georges
La Prairie QC J5R 2M5

Phone: 450-659-5271
Fax: 450-659-5271

Email: richreid@total.net
Website:

Technology/Product Name: Anaerobic-Aerobic Biodegradation

Technology Description:

(information provided in French)

Party responsible for promotion/distribution/developer of product:

Tech ID: C-79

Company: BERCAN INC.
Contact Name: Allan J. McInnes
Address: 6645 Elm Road Phone: 250-390-3113
Lantzville BC V0R 2H0 Fax: 250-390-3113
Email:
Website:

Technology/Product Name: Bercan Additives for Aerobic/Anaerobic Facultative

Technology Description:

Biotech Engineered Products Manufacturing; used for rapid fermentation removal of odor/sludge/solids, purifies waste water/destroys pathogens, by-products are macronutrient fertilizers/Natural gas with values of 950-1000 BTU free of H2S, water recovery available is almost potable.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-07

Company: Biomax Inc
Contact Name: Carl Genois
Address: 764 St-Joseph Est Phone: 418-529-2585
Bur 124 QC Fax: 418-525-5413
Email: general@biomax.qc.ca
Website:

Technology/Product Name: COMPOSTAIR

Technology Description:

Composting using forced air. Composts in 6-8 weeks with minimal emissions to the air. Liquids are recycled for flush water.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-07

Company: Biorem Technologies
Contact Name: Richard Puntis
Address: 7496 Wellington Rd 34, RR #3 Phone: 519-767-9100
Guelph ON Fax: 519-767-1824
Email: rpuntis@bioremtechnologies.com
Website:

Technology/Product Name: Biofiltair

Technology Description:

The biofiltair system reliability and effectively destroys odors at farms by degrading them biologically and converting odors to carbon dioxide and water. It is probably the lowest cost and most reliable technology for odor control

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-25

Company: Bioterre Systems Inc.
Contact Name: Gerard Laganiere
Address: 370, boul, Industriel
Sherbrooke QC J1L 1X8
Phone: 819-566-8855
Fax: 819-566-0224
Email: glaganiere@smnetcom.com
Website:

Technology/Product Name: Low temperature anaerobic treatment

Technology Description:

Treatment uses biological anaerobic reactors at low temperature. Addition of conditioned bacteria allows treatment of manure in 10 days. Manure is then stabilized and odourless. Solids are reduced by 50%. 70% of phosphorous is stabilized in the solid portion which can be transported economically. Biogas production can represent an important value.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-18

Company: Blossom Agritec
Contact Name: Kerry Doyle
Address: 2584 James St.
Abbotsford BC V2T 3L5
Phone: 604-852-1688
Fax: 604-852-1887
Email: kerrydoy@uniserve.com
Website:

Technology/Product Name: T-R Separator

Technology Description:

The T-R Separator provides excellent solid-liquid separation for both dairy and hog manure. Manure is treated in the following three steps: 1. The biological membrane; 2. Drain and Filter; and 3. Squeezer.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-36

Company: bp Environmental
Contact Name:
Address: #643, 21-10405 Jasper Ave.
Edmonton AB T5J 3S2
Phone: 780-430-1566
Fax:
Email: bpenviro@connect.ab.ca
Website:

Technology/Product Name: Aerobic Digestor System

Technology Description:

Liquids are deodorized and pathogen free after treatment. They are also high in nutrient content and can be discharged onto fields through conventional irrigation systems, spraying or injection. Part of the liquids generated can be reused as barn flush water or wash water. After treatment and de-watering is complete, the odour of the solids resembles fresh roto-tilled soil. The digested solids resemble compost therefore greatly reducing the impact on soil when spreading on the surface. Field rotation can be intensified as a result of the very low BOD of the dewatered, digested solids.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-11

Company: C2C Mining Corporation
Contact Name: Vern Hogg
Address: 503, 604 - 1st St. SW
Calgary AB T2P 3B1
Phone: 403-264-5352
Fax: 403-237-9260
Email: c2c@ezpost.com
Website:

Technology/Product Name: NOC-Zeolite Natural Odour Control

Technology Description:

Molecular encapsulation by zeolites

Party responsible for promotion/distribution/developer of product:

Tech ID: O-18

Company: Carson's Farm Supply & Tack Shop
Contact Name: Al Lowry
Address: RR #3
Listowel ON N4W 3JG
Phone: 519-291-1094
Fax: 519-291-5065
Email:
Website:

Technology/Product Name: SuperF Inc.

Technology Description:

Products neutralize odors and gas produced by manure.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-11

Company: Centre des technologies du gaz naturel (CTGN)
Contact Name: Pierre Camirand
Address: 1350 rue Nobel
Boucherville QC J4B 5H3
Phone: 450-449-4774
Fax: 150-449-4994
Email: ctgn@cedep.com
Website:

Technology/Product Name: PROGEST

Technology Description:

Thermal treatment of manure. The integrated unit involves a drier and an incinerator for vapours. Dry solids are collected and can be reused for fertilizer or re-feeding. A zero discharge technology. Solids are compacted in powder form.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-84

Company: Con-Force Structures Limited
Contact Name: Rudy Sirke
Address: 301-1st Ave Phone: 306-543-2662
Regina SK S4N 4Z1 Fax: 306-775-2340
Email:
Website:

Technology/Product Name: Concrete Slurry Tank System

Technology Description:

Precast, prestressed, post-tensional concrete leak free storage of manure with agitation and pumping equipment

Party responsible for promotion/distribution/developer of product:

Tech ID: O-13

Company: Conor Pacific Environmental Technologies
Contact Name: Dr. Mel Webber
Address: 867 Lakeshore Road, PO Box 5068 Phone: 905-336-4519
Burlington ON L7R 4R7 Fax: 905-336-4765
Email: mel.webber@conorpac.com
Website:

Technology/Product Name:

Technology Description:

Volatile fatty acid generation and recovery from hog manure slurry

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-20

Company: Consumat Inc., Experts Conseils
Contact Name: Jean-Denis Major
Address: 4865, blvd Laurier (Rte 116) Phone: 450-773-6155
St. Hyacinthe QC J2S 3V4 Fax: 450-773-3373
Email:
Website:

Technology/Product Name:

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-03

Company: Cortex Importing Ltd.
Contact Name: Mr. Hilar Holvay
Address: 32 Cassels Avenue
Toronto ON M4E 1Y1
Phone: 416-690-6978
Fax: 416-690-6737
Email: hito@sympatico.ca
Website:

Technology/Product Name: EnviStim

Technology Description:

The natural system that converts manure into compost inside the stable. EnviStim is a biotechnologically prepared enzyme additive. When applied to a 16" bed of sawdust or chopped straw, it digests the feces and urine converting them into harmless atmospheric gases, protein and energy.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-12

Company: Cyrus Consulting
Contact Name: Dr. John Olubobokun
Address: 180 St. Lawrence Cres.
Saskatoon SK S7K 3W7
Phone: 306-244-9787
Fax: 306-244-1036
Email:
Website:

Technology/Product Name: Manure Away

Technology Description:

Microbial pit or lagoon additive. Converts odorous end products to non-odorous or less odorous products.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-75

Company: DEC Group
Contact Name:
Address: Suite 704, 1100 Cremazie Blvd. East
Montreal QC H2P 2X2
Phone: 514-593-1001
Fax: 514-593-1479
Email:
Website:

Technology/Product Name:

Technology Description:

DEC 2000 - thermal dehydration

Party responsible for promotion/distribution/developer of product:

Tech ID: C-71

Company: Delta Engineering
Contact Name: George Brown
Address: 2301 St. Laurent Blvd. Phone: 613-521-0348
Ottawa ON K1G 4J7 Fax: 613-521-5833
Email:
Website:

Technology/Product Name:

Technology Description:

Snowfluent Atomizing Freeze Crystallization (AFC)

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-04

Company: Dept. of Forest Resources & Agri-Foods
Contact Name: Rosalind Pound
Address: Provincial Agriculture Bldg Phone: 709-729-2809
Box 8700 Fax: 709-729-0205
St. Johns NF A1B 4J6
Email: rpound@agric.dffa.gov.nf.ca
Website:

Technology/Product Name: Addition of Silage (fish) to feed

Technology Description:

Fish silage made from offal - by-products of processing. By-product addition will reduce feed cost and utilize fish offal waste.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-01

Company: Dessau - Soprin
Contact Name: Camil Dutil
Address: 1112, boul de la Rive Sud, bureau 210 Phone: 418-839-6447
St-Romuald QC G6W 5M6 Fax: 418-839-14419
Email: cdutil@globetrotter.qc.ca
Website:

Technology/Product Name: Bio-Fert Process

Technology Description:

Aerobic bio-transformation to fertilizer & humus with effluent volume reduction. Unique feature is the mixing and oxygenation of manure in the bioreactor to enhance bacteria growth. Continuous operation. Liquid portion is low in solids and can be treated for disposal into streams/rivers. Does not require solid/liquid separation; a complete treatment process. A concentrated, stabilized end product that conforms to environmental specifications in many countries.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-60

Company: DGH Engineering
Contact Name: Dr. Shahnaz Danesh
Address: 12 Aviation Blvd.
St. Andrews MB R1N 3N5

Phone: 204-334-8846
Fax: 204-334-6965

Email:
Website:

Technology/Product Name:

Technology Description:

Low temperature anaerobic digestion

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-09

Company: E.P.A. Canada Ltee
Contact Name: Vincent Boulet
Address: 4 Tache Est - 105
Montmagmy PQ G5V 1B7

Phone: 418-248-2880
Fax: 418-248-2067

Email: noram@quebectel.com
Website:

Technology/Product Name: ENVIRODOM

Technology Description:

Light lagoon cover - 115 ft diameter. Built of cable, PVC, and fiberglass. Stops all precipitation from falling into the lagoon and thus reduces the volume by 18-20%. Economical - 55% cheaper than a conventional roof.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-48

Company: EarthCorp Environmental Ltd.
Contact Name: Cindy Duncan
Address: 41 Hidden Valley Gate NW
Calgary AB T3A 5M1

Phone: 403-275-1878
Fax: 403-275-9735

Email:
Website:

Technology/Product Name:

Technology Description:

Biological Trigger Mechanism (BTM) & Humic acid (H-A) products

Party responsible for promotion/distribution/developer of product:

Tech ID: C-61

Company: EC Consulting
Contact Name: Doug Erdman
Address: 111 Lodge Ave
Winnipeg MB R3J 0R6
Phone: 204-896-3871
Fax: 204-896-3871
Email:
Website:

Technology/Product Name:

Technology Description:

E-beam radiation

Party responsible for promotion/distribution/developer of product:

Tech ID: C-80

Company: EcoChem Biotech Inc.
Contact Name: Wm. John Sanger
Address: CP Box 1388
Hanna AB
Phone: 403-854-3617
Fax: 403-854-4186
Email: jsanger@telusplanet.net
Website: <http://www.ecochem.com>

Technology/Product Name: CBPA

Technology Description:

CPBA is a broad spectrum liquid, organic, highly concentrated, proprietary blend of selected natural Beneficial Microorganisms (BM), essential nutrients, and synergists formulated for odour abatement and manure management applications. CBPA is effective in aqueous or non aqueous facultative environments.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-12

Company: Energie-Bio G.V. Inc
Contact Name: Gillies Vilandre o.a.q.
Address: 1343 avenue de la Montagne Ouest
Val-Belair QC G3K 1W2
Phone: 418-847-0241
Fax: 418-843-8914
Email:
Website:

Technology/Product Name: Pricede SANI-PORC Inc. - Manure Treatment

Technology Description:

A combination of 3 technologies. 1) Reactor: aerobic digestion and pasteurization. 2) Purifier: removal of gases in chemical solutions to remove odours. 3) Separator: filtration of solid/liquid for compost and liquid filtered for irrigation. Decrease in volumes for spreading as liquids removed. The process is a contribution to odour management, environmental protection, and improved social acceptance of hog operations.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-03

Company: Engrais Naturels McInnes

Contact Name: James McInnes

Address: 971 LaSalle

St. Bruno QC

Phone: 450-441-6987

Fax: 450-283-3834

Email:

Website:

Technology/Product Name: Floating Cover

Technology Description:

Floating cover - (description is in French)

Party responsible for promotion/distribution/developer of product:

Tech ID: C-81

Company: Enviro-Science Laboratories, Inc.

Contact Name: Timothy Knight

Address: A - 34252 industrial Way

Abbotsford BC V2S 7M6

Phone: 1-800-567-1191

Fax: 604-850-5950

Email: timk@borak.com

Website: <http://www.borak.com>

Technology/Product Name: Polydex

Technology Description:

Used as both a pit additive and a food additive (in hogs' drinking water). Prevents the growth of bacteria that are responsible for the production of gases, in turn resulting in significant odour reduction.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-26

Company: Enviro-Test Laboratories

Contact Name: Pat Flaten

Address: 124 Veterinary Road

Saskatoon SK S7N 5E3

Phone: 306-668-8370

Fax: 306-668-8383

Email: etl.pat@sk.sympatico.ca

Website:

Technology/Product Name: Manure and Soil Testing for Nutrient and Contaminant

Technology Description:

Our services include lab analysis of the soils and manure for environmental purposes. Also, from the agricultural perspective, our service includes the lab analysis of the manure and manured soils, providing an indication of availability of nutrients for use by crops.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-10

Company: Global Earth Products
Contact Name: Tom Smith
Address: RR 2
Utopia ON L0M 1T0
Phone: 705-726-1339
Fax: 705-721-4091
Email:
Website:

Technology/Product Name: Global Earth Products "Marvel" automated composting

Technology Description:

Automated composting system and mobile organic pelleting system. Progress is odour free, wood free, pathogen free with no leaching of nutrients or greenhouse gas emissions. Total nutrient management system

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-23

Company: GML Consultants
Contact Name: Guy-Michel Lanthier
Address: 6987-A de Bordeaux
Montreal QC H2E 2M2
Phone: 514-728-7263
Fax: 514-728-8691
Email: gmlanthi@francomedia.qc.ca
Website:

Technology/Product Name: Anaerobic Digestion

Technology Description:

Natural Anaerobic Digestion. End product has no odour and can be sold as an amendment.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-32

Company: GODRO
Contact Name: Pascal Russell
Address: 102 5th Rang Milton Rd.
Roxton Pond QC JOE 1Z0
Phone: 450-372-1347
Fax: 450-372-8485
Email: prussel@godro.com
Website:

Technology/Product Name: Solid/Liquid Separator

Technology Description:

Four stage continuous and/or batch separation unit: a) mixing; b) separation; c) drying; d) ejection of the solids.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-19

Company: Hal-Mar International Inc.
Contact Name: Errol Butler
Address: 650 Scott Road, P.O. Box 20039 Phone: 519-337-7677
Sarnia ON N7S 6J3 Fax: 519-337-7599
Email:
Website:

Technology/Product Name: Phylmar Manure Treatment System

Technology Description:

A biological treatment system that enhances the natural breakdown of manure.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-06

Company: Innotag Inc.
Contact Name: Justin LaRouche
Address: 1681 Dei L'Industrie Phone: 450-464-7427
Beloeil QC Fax: 450-464-0874
Email: justinl@innotag.com
Website:

Technology/Product Name: Manure Spread Controller

Technology Description:

Technology to measure and control the rate of spreading to fields. Can be combined with GPS to apply at variable rates.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-83

Company: International Ecological Technologies Inc.
Contact Name: Scott Moffat
Address: North Hatley QC Phone: 819-842-2494
Fax: 819-842-2902
Email:
Website:

Technology/Product Name: Bacta-Pur

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-10

Company: J & Y M. Ltee
Contact Name:
Address: 30 rue Meunesin #9, B.P. 642 Phone: 450-375-6582
Granby PQ J2G 8W7 Fax: 540-375-4788
Email:
Website:

Technology/Product Name: PhytoBact

Technology Description:

Mix solid manure portion with carbon to produce compost. Liquid portion is purified in a digester. An agreement with Les Consultants RSA will allow this liquid to be polished (further cleaned) to acceptable quality.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-13

Company: Julien, Lempicki et associes
Contact Name: Marcel Julien
Address: 8947 rue Maritain Phone: 514-328-9395
St. Leonard QC J1H 4A7 Fax: 514-328-9572
Email: julien@contact.net
Website:

Technology/Product Name: Biooxyblok

Technology Description:

Biooxyblok has a two-stage activated sludge process with aerobic - anaerobic sludge digestion and contaminants mineralization. The system consists in sewage displacement, as well as sediments ventilation and circulation, with oxygen level and activated sludge concentration control. The operating process is one of successive motions in the bioabsorption, biostabilization and settling chambers, which are separated by vertical stationary screens. Turbine aerators suspended on the rotary bridge guarantee the level of oxygen. The separation by a concrete cylinder wall permits different biological conditions in each chamber.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-15

Company: KEMOMATIC
Contact Name: John Brown
Address: 2389 Rt. 202 Phone: 514-266-5323
Dunham QC JOE 1M0 Fax: 514-266-5708
Email:
Website:

Technology/Product Name: Liquid Composter

Technology Description:

Changes the anaerobic fermentation of the slurry into an aerobic fermentation,

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-22

Company: Le Club Agroenvironmental Argenfeuil
Contact Name: Phil Lavoie
Address: 505 rue Bethany, bureau 400
Lachutes QC J8H 4A6
Phone:
Fax:
Email:
Website:

Technology/Product Name:

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: O-12

Company: LH Division of Full Circle Organics
Contact Name: Chriss Lee
Address: RR #1
Walton ON N0K 1Z0
Phone: 519-887-9378
Fax: 519-887-9011
Email: clee@scsinternet.com
Website: <http://village.walton.on.ca/lh>

Technology/Product Name: Composting, separation, additives, irrigation, hose

Technology Description:

See Outline

Party responsible for promotion/distribution/developer of product:

Tech ID: C-17

Company: M.J. Silver & Associates (for Orgenergy)
Contact Name: M.J. Silver
Address: Box 424 Station L
Winnipeg MB R3H 0Z6
Phone: 204-489-4578
Fax: 204-489-7478
Email: mjsilver@sprint.ca
Website:

Technology/Product Name: "Hog Mop" - Hog Manure Processing System

Technology Description:

The "Hog-Mop" is an integrated, energy efficient, environmentally responsible, fully automatic hog manure processing machine. It accepts fresh raw hog manure, processes it internally, and returns solid compost, distilled water, and environmentally benign oxidized flue gases.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-39

Company: Mercury Electric Corporation / Allied Signal
Contact Name: Rob Woronuk
Address: 1130, 333 - 11th Ave. SW Phone: 403-261-6811
Calgary AB T2V 4X3 Fax: 403-265-0856
Email: gasenerg@cadvision.com
Website:

Technology/Product Name: TurboGenerator

Technology Description:

The product is a mini-turbine that could be used in conjunction with gas generation facilities (digesters) to convert animal waste gas into heat and electricity.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-02

Company: Meunerie J.B. Dionne et fils Ltee
Contact Name: M. Jean-Marie Dionne
Address: 1674 boul. Gaboury Phone: 418-775-7713
Mont-Joli QC Fax: 418-775-9702
Email:
Website:

Technology/Product Name: BIOLISER

Technology Description:

Biological transformation via mixing and composting in a closed system (closed vessel composting). All environmental problems from the spreading of manure are eliminated.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-64

Company: Modern Organics Inc.
Contact Name: Ed Mayer
Address: 1350 – B Spruce Street Phone: 204-775-3433
Winnipeg MB R3H 0Z6 Fax: 204-772-7258
Email:
Website:

Technology/Product Name:

Technology Description:

filtration, compression drying, densifying to fuel a combustion engine gen-set

Party responsible for promotion/distribution/developer of product:

Tech ID: O-21

Company: MTS Environmental Products -SHAC
Contact Name: Paul Revington
Address: 215 Pickard Road Phone: 519-236-1074
Exeter ON N0M 1S3 Fax: 519-430-9673
Email:
Website: www.shacenviro.com

Technology/Product Name: SHAC Manure Digester

Technology Description:
SHAC Reduces odours and bases.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-63

Company: Nelson River Construction
Contact Name: Martin Hildebrand
Address: 101 Dawson Rd. Phone: 204-949-8700
Winnipeg MB R2J 0S6 Fax: 204-237-8337
Email:
Website:

Technology/Product Name:

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-42

Company: NovaTec Consultants Inc
Contact Name: Dr. Troy Vassos
Address: 224 West 8th Avenue Phone: 604-873-9262
Vancouver BC V5Y 1N5 Fax: 604-873-2353
Email: tvassos@novatec.ca
Website:

Technology/Product Name: Covered In-Ground Anaerobic Reactor (CIGAR)

Technology Description:

In the CIGAR process, manure from the barns is discharged into an anaerobic treatment lagoon, which has a floating membrane cover to capture the bio-gases formed by decomposing manure. The methane gas is trapped by the membrane and piped away to be used either as a heat/energy source for the farm or as a food source for other bacteria in the treatment process. The liquid from the anaerobic CIGAR lagoon system is transferred to an in-ground (lined lagoon) sequenced batch reactor (SBR). This process reduces the organic strength, decreases the ammonia and nitrate concentrations, and treats odour. If desired, up to 90% of the treated effluent from the SBR can be recycled back to the barns to flush manure from hog confinement areas, or potentially treated using advanced oxidation technology for use as drinking water. The effluent from the SBR process is then put into a polishing lagoon and small constructed wetland which uses plants to further clean the effluent. Duckweed harvested from the polishing pond can be used as a protein source for the animals.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-17

Company: Nuhn Industries Ltd.
Contact Name: Dennis Nuhn
Address: Box 160 Phone: 519-393-6284
Sebringville ON Fax: 519-393-5104
Email: dnuhn@quadro.net
Website:

Technology/Product Name: Liquid Manure application systems for spreaders

Technology Description:

Injectors and low to ground manure application reduces odor and nitrogen loss; controlled application rates reduces run-off

Party responsible for promotion/distribution/developer of product:

Tech ID: C-51

Company: Nutri-Soils Inc.
Contact Name: Geoffrey Dobbs
Address: 304 – 1324 11th Ave SW Phone: 403-245-1481
Calgary AB T3C 0M6 Fax: 403-245-1407
Email:
Website:

Technology/Product Name:

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-72

Company: Ontario Hydro Technologies
Contact Name: Paul Dinner
Address: 800 Kipling Ave. Phone: 416-207-5694
Toronto ON M8Z 5S4 Fax:
Email:
Website:

Technology/Product Name:

Technology Description:

OHT/RCM Treatment System; bio-digestion and chemical separation.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-70

Company: Original Vermitech Systems
Contact Name: Albert Eggan
Address: 2328 Queen St. E
Toronto ON M4E 1G9

Phone: 416-693-1027
Fax: 416-693-9744

Email:
Website:

Technology/Product Name:

Technology Description:

Separation/ Composting

Party responsible for promotion/distribution/developer of product:

Tech ID: C-76

Company: PAMI
Contact Name: David Gullacher
Address: P.O. Box 1060
Humbolt SK S0K 2H0

Phone: 306-682-2555
Fax: 306-682-5080

Email:
Website:

Technology/Product Name:

Technology Description:

shallow injection of liquid hog manure on grassland

Party responsible for promotion/distribution/developer of product:

Tech ID: O-08

Company: Papillon Agriculture Products Ltd.
Contact Name: Jeffery Currah
Address: P.O. Box 203
Innerkip ON NOV 1M0

Phone: 519-469-3022
Fax: 519-469-3301

Email: currach@execulink.com
Website:

Technology/Product Name: Micro-Aid Feed Coracle Concentrate Feed Additive

Technology Description:

Agriculture Canada Registration # 980510

Registered Claim - To aid in the control of odors through decreased ammonia release from the manure. Mode of Action - Inhibition of the urease enzyme

Party responsible for promotion/distribution/developer of product:

Tech ID: C-04

Company: PDK Projects, Inc.
Contact Name: Dr. Diane F. Malley
Address: 365 Wildwood Park Phone: 204-475-2899
Winnipeg MB R3T 0E7 Fax: 204-475-6090
Email: pdk@mb.sympatico.ca
Website:

Technology/Product Name: Near-Infrared Spectroscopy (NIRS)

Technology Description:

Near-infrared spectroscopy (NIRS) has the capability of determining quantities of (usually) organic constituents in liquids, slurries, and solids. The potential role of NIRS in the management of hog manure is in rapid, low-cost, accurate analysis of the nutrient and salt content of manure. Two scenarios for the use of NIRS by manure mangers are:
a) samples of manure taken periodically during land application to monitor nutrient loading for compliance monitoring and to influence the composition and amount of subsequent applications of conventional fertilizer.
B) continuously monitoring the composition by fibre-optic probes in the manure stream and an on-site NIR instrument, allowing for augmenting of the manure with additional nutrients as the manure may change during application, or may differ from one lagoon to another.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-65

Company: PMG Construction LTD.
Contact Name: Jerry Sorokowski
Address: 2036 Sinclair St. Phone: 204-334-8815
Winnipeg MB R2V 4S5 Fax: 204-334-8815
Email:
Website:

Technology/Product Name:

Technology Description:

Clivus Multrum - separating solids & liquids; composting; and liquids treatment

Party responsible for promotion/distribution/developer of product:

Tech ID: C-40

Company: Pollution Control Technologies Ltd.
Contact Name: Troy D. Lapul
Address: Suite 100, 4500 - 16th Ave NW Phone:
Calgary AB T3B 0M6 Fax:
Email:
Website:

Technology/Product Name: Masko-Zoll: Solids Separation

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-50

Company: Protect Environmental Products Ltd.
Contact Name: Ken Kingsmith
Address: Bay 6, 1303 – 44 Avenue NE
Calgary AB T2E 6L5

Phone: 403-291-4211
Fax: 403-291-4226

Email:
Website:

Technology/Product Name:

Technology Description:

ADAB Sorbent - a ground polyurethane foam

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-14

Company: PSVC Inc
Contact Name: Dr. Ted VanLuven
Address: 550 University Ave
Charlottetown PE C1A 4P3

Phone: 902-628-4356
Fax: 902-566-0823

Email: tvanlunen@vpei.ca
Website:

Technology/Product Name: Manure Management

Technology Description:

Manure management techniques in liquid and solid composting systems.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-47

Company: PureLean Hogs
Contact Name: Bob Notenbomer
Address: 666 – 4th Street SE
Medicine Hat AB T1A 0K9

Phone: 403-504-0364
Fax: 403-528-9922

Email:
Website:

Technology/Product Name:

Technology Description:

Composting

Party responsible for promotion/distribution/developer of product:

Tech ID: C-16

Company: Purestream / Ecofluid LLC
Contact Name: John Sainas
Address: #2 1020 W Pender St.. Phone: 604-662-4544
Vancouver BC V6E 2N7 Fax: 604-662-4564
Email: jsainas@ecofluid.com
Website:

Technology/Product Name: Ecofluid USBF

Technology Description:

Biological aerobic treatment of hog manure effluent. Final product water quality <30 mg/l BOD, <50 mg/l NH3, <40 mg/l TSS, & odour free.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-58

Company: R.J. Marks & Sonic Fertilizers Ltd.
Contact Name: R.J. Marks
Address: Box 2276, Station Main Phone:
Sardis BC V2R 1A6 Fax:
Email:
Website:

Technology/Product Name:

Technology Description:

water treatment unit; removal of solids for drying, sterilization, and pelletizing

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-21

Company: R.Viens Inc.
Contact Name: Philippe Bedard
Address: Phone: 450-378-9891
QC Fax:
Email:
Website:

Technology/Product Name: Solid-Liquid Separator

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-56

Company: Reid Crowther
Contact Name: Gerry Stevens
Address: 201 – 3275 Lakeshore Rd
Kelowna BC V1W 3S9
Phone: 250-762-3727
Fax:
Email:
Website:

Technology/Product Name:

Technology Description:

mounded static pile composting

Party responsible for promotion/distribution/developer of product:

Tech ID: C-13

Company: Sanitherm Engineering Ltd.
Contact Name: R. Smith
Address: 431 MTN HWY
North Vancouver BC V2J 2L1
Phone: 604-986-9168
Fax: 604-986-5377
Email: saneng@direct.ca
Website:

Technology/Product Name: Autothermal Thermophilic Aerobic Digestion

Technology Description:

The technology stabilizes and disinfects hog manure for use as a biosolid.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-03

Company: SciCorp Systems Inc.
Contact Name: Parker Robinson
Address: 19 Churchhill Drive
Barrie ON L4N 8Z5
Phone: 705-733-2626
Fax: 705-733-2618
Email: scicorp@ibm.net
Website: www.scicorpbiologic.com

Technology/Product Name: BILOGIC SR2

Technology Description:

Biologic S2R is an all-natural liquid concentrate product used in the treatment of industrial/municipal/and Agriculture waste and wastewater. BIOLOGIC products utilize micronutrient biotechnology to effectively reduce sludge volume, increase wastewater treatment efficiency, improve wastewater effluent quality and eliminate odors by biologically altering the mechanism responsible for producing the odors and accelerating the rate microbial metabolism.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-05

Company: SEPTTECH
Contact Name: Greg Ford
Address: Grosvenor Lodge, 1017 Western Road
London ON
Phone: 519-433-2913
Fax: 519-433-2913
Email: septtechech@gtn.net
Website:

Technology/Product Name: Nature Works Onsite Management Treatment

Technology Description:

NatureWorks manure treatment is filtration system that receives a portion of the total generated manure. On a daily basis, treats and disposes a highly treated effluent either into the ground, or recycles it for non-potable reuse. The concept is similar to a household septic system -low technology and low maintenance.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-22

Company: SHAC Environmental Products Inc
Contact Name: Gary Lehr
Address: Box 73
Medicine Hat AB T1A 7E5
Phone: 403-527-0553
Fax: 403-529-9334
Email: SHAC@telusplanet.net
Website:

Technology/Product Name: Biodigestion Activator

Technology Description:

By activating and balancing biodigestion process in manure, less gases are released. This translates to less odours and improved production.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-16

Company: Soil Enrichment Systems Inc.
Contact Name: James Higgins
Address: 10800 Weston Rd
Vaughan ON L4L 1A6
Phone: 905-832-2166
Fax: 905-832-0751
Email: sessoil@aol.com
Website:

Technology/Product Name: Bioreactor Engineered Wetland for Wastewater Treatment

Technology Description:

Advancement on ordinary constructed wetland technology. BREW is a sub-surface flow (SSF) engineered wetland designed to give enhanced secondary treatment year round.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-02

Company: Soprema Inc.
Contact Name: Michael Hensen
Address: 151 York Street. #12
London ON N6A 1A8
Phone: 519-672-5561
Fax: 519-672-1578
Email: mhensen@sopremacanada.com
Website:

Technology/Product Name: Environap

Technology Description:
Waterproofing membranes for manure containment

Party responsible for promotion/distribution/developer of product:

Tech ID: C-52

Company: Space Carbon Insulation Inc. / Industrial World Technology Inc.
Contact Name: Joeseeph Iwasenko
Address: Suite 203, 3511 – 118 Ave.
Edmonton AB T5W 4P6
Phone: 403-471-2355
Fax: 403-477-9511
Email:
Website:

Technology/Product Name:

Technology Description:
processing fecal matter into Carbon Black, Fertilizer, Ammonia, and Methane; cyrogenic freezing storage containers

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-19

Company: Stratech
Contact Name: Steven Blaney
Address: 144 Du Boiset
Saint-Etienne-de-LaQC
Phone: 418-831-6300
Fax: 418-831-2636
Email: stratech@medom.qc.ca
Website:

Technology/Product Name: PURINTECH

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-19

Company: Stromaze Inc.
Contact Name: George Eades
Address: 253 Route 138
Ormstown QC J0S 1K0
Phone: 450-829-2547
Fax:
Email: geoeades@hotmail.com
Website:

Technology/Product Name: Continuous Flow Rotary Oven

Technology Description:

The unit is a thermal unit which will dry material at 10% dry solids to any required dry matter.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-04

Company: Summergreen Systems Ltd.
Contact Name: Dan Lambert
Address: P.O. Box
Seaforth ON N0K 1W0
Phone: 519-527-2470
Fax: 519-527-2560
Email: summerg@sunnorth.com
Website:

Technology/Product Name: Geo Air-Dome

Technology Description:

Air supported tank cover. Reduces odor and stops precipitation from entering manure tanks. Can be installed over an existing tank (full or empty). Not affected by high winds.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-21/O-14

Company: Sunset Solar Systems Ltd.
Contact Name: Lorraine / Doug Cameron
Address: Box 1327, 301 HWY #2 N
Assiniboia SK S0H 0B0
Phone: 306-642-4240
Fax: 306-642-4420
Email: lrpm@sk.sympatico.ca
Website:

Technology/Product Name: Little River Pond Mill

Technology Description:

Aeration by circulation to enable the growth of naturally occurring microorganisms which utilize the organics in the liquid manure for energy; thereby clarifying the liquid and reducing/eliminating odour and sludge. Whole pond is mixed via vortex circulation.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-38

Company: Team Landmark
Contact Name: Randy Davage
Address: Box 70
Landmark MB R0A 0X0
Phone: 204-355-4061
Fax: 204-355-4067
Email: rdavage@mb.sympatico.ca
Website:

Technology/Product Name: Liquid Manure Handling Equipment

Technology Description:

- Hydro 3 Point Hitch Manifold System - manure injection
- Husky's Elite Model - liquid manure spreader
- Liquid manure pumps

Party responsible for promotion/distribution/developer of product:

Tech ID: C-57

Company: Techni-Grow Greenhouses
Contact Name: Brian Pouwels
Address: 7512 Le Feuvre Road
Langley BC V3A 4P9
Phone: 604-792-0097
Fax: (604) 792-6558
Email:
Website:

Technology/Product Name:

Technology Description:

Composting

Party responsible for promotion/distribution/developer of product:

Tech ID: C-30

Company: Transform Compost Systems
Contact Name: John Paul
Address: 34642 Mierau Street
Abbotsford BC V2S 4W8
Phone: 604-504-5660
Fax: 604-504-5666
Email: transform@bc.sympatico.ca
Website:

Technology/Product Name: Growing Media Ingredients and Fertilizers Produced from

Technology Description:

In terms of working with hog producers, we have one project where we are producing growing media from separated hog solids, using worms to produce the solids. Vermicompost has growth promoting properties for plant growth. All products are free of weed seeds, pathogens and objectionable odours.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-53

Company: TRIZONE International Technologies
Contact Name: Robert Tremblay
Address: 24 Rivervalley Drive SE Phone: 403-279-9232
Calgary AB T2C 3K6 Fax: 403-279-9232
Email:
Website:

Technology/Product Name:

Technology Description:

Ozone products for use in storage treatment

Party responsible for promotion/distribution/developer of product:

Tech ID: O-20

Company: University of Guelph
Contact Name: Dr. Nigel Bunce
Address: Department of Chemistry and Biochemistry Phone: 519-824-4120
Guelph ON N1G 2W1 Fax: 519-766-1499
Email:
Website:

Technology/Product Name: Dr. Nigel Bunce

Technology Description:

This technology is presently at the research stage.

Party responsible for promotion/distribution/developer of product:

Tech ID: O-06

Company: University of Waterloo
Contact Name: Scott Inwood
Address: University Avenue Phone: 519-888-4567
Waterloo ON N2L 3G1 Fax: 519-746-3575
Email: sinwood@mc1adm.uwaterloo.ca
Website:

Technology/Product Name: Treatment of Nitrate Contaminated Agriculture Run-Off

Technology Description:

Nitrate contaminated run-off is gravity fed through a passive reactor system that uses a reactive porous carbonaceous media to convert nitrates to a less harmful form of nitrogen.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-77

Company: Western Organics Ltd.
Contact Name: Alvey Halbgewachs
Address: 3134 Dewdney Ave
Regina SK S4T 0Y
Phone: 306-525-5871
Fax: 306-352-8691
Email:
Website:

Technology/Product Name:

Technology Description:

In-vessel Composting

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-08

Company: WIC (1993) Inc.
Contact Name: Martial Gagne
Address: 784 Principale
Wickham QC J0C 1S0
Phone: 819-398-6822
Fax: 819-398-5227
Email: info@wiciceal.com
Website:

Technology/Product Name:

Technology Description:

- Fertilizer value
- Economical
- Reduction in odours
- Reduction in pollution

Denmark

Party responsible for promotion/distribution/developer of product:

Tech ID: C-14

Company: BIOSCAN A/S
Contact Name: Klaus Kristensen
Address: Tagtaekkervej 5
DK-5230 Odense S
Phone: 45-66-15-70-71
Fax: 45-66-15-77-71
Email: kk@bioscan.dk
Website:

Technology/Product Name: BIOREK

Technology Description:

The BIOREK plant converts pig slurry and other liquid organic wastes into biogas, pure water (drinking water quality, 80%), fertilizer concentrates (inorganic, 100%; utilizable, 15-18%) and compost (35% TS, 2-5%). Major advantages: Volume reduction, recycling of water, increased nitrogen utilization, odourless processing and products, positive energy balance. Processes involved are anaerobic digestion with ultrafiltration, ammonia stripping and reverse osmosis. The technology offers a total solution to liquid organic waste problems.

England

Party responsible for promotion/distribution/developer of product:

Tech ID: C-73

Company: Hibotec Ltd.
Contact Name: Edwyn Stobart
Address: Elmsfield, Worcester Rd Phone: 0160 864 1389
Chipping Norton Oxford OX7 5XS Fax: 0160 864 1643
Email:
Website:

Technology/Product Name:

Technology Description:

slurry separation and aeration systems; preparation for land application

France

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-16

Company: Bio Armor Environment
Contact Name: Louis Guillemot
Address: 21 de la Gare Phone: 33-2-96-32-0478
Fax: 33-2-96-32-0628
Email:
Website:

Technology/Product Name: Bio Armor

Technology Description:

Biological treatment (digestion), physio-chemical treatment.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-17

Company: ELF ATOCHEM / GRANDE PAROISSE
Contact Name: J.M. Lartigue-Peyrou
Address: Cours Michelet Phone: 33-1-49-00-81-09
La Defense 10 Fax: 33-1-49-00-72-53
Paris La Cedex 92091
Email: lartiguepj@pari41L.elf-atochem.fr
Website:

Technology/Product Name: ECOLIZ

Technology Description:

Filtration and anti-odor treatment.

- total treatment of odour
- decrease nitrates 80% by filtration and lagoon settlement.
- recovery of nitrates and phosphorous in a filtration 'cake' - 30% solids - that can be used.

Party responsible for promotion/distribution/developer of product:

Tech ID: EA-15

Company: Technolyse Sa
Contact Name: Mcheust
Address: Le Menehy
Plenee-Jugon 22640
Phone: 02-96-51-70-10
Fax: 02-96-51-70-11
Email:
Website:

Technology/Product Name: Biological Manure Treatment

Technology Description:
Biological manure treatment.

Netherlands

Party responsible for promotion/distribution/developer of product:

Tech ID: C-45

Company: WEET bv (Workshop for Environmental Engineering and Technology)
Contact Name: Hans Wouters
Address: Lange Voren 19
5521 DC Eersel
Phone: 31-497-513281
Fax: 31-497-513281
Email:
Website:

Technology/Product Name:

Technology Description:
Catalytic Fluidized Bed burner (CFB) for manure; HEDiS mechanical vapour compression system

Party responsible for promotion/distribution/developer of product:

Tech ID: C-46

Company: World Water Engineering BV
Contact Name: P. Walthie
Address: Meidoorn 14
6226 WB Maastricht
Phone:
Fax:
Email:
Website:

Technology/Product Name:

Technology Description:
Wildwater Manure-Manager; concentration of liquid manure to 20% dry matter

USA

Party responsible for promotion/distribution/developer of product:

Tech ID: C-68

Company: ADI Systems Inc. / Bio Specific Systems, USA
Contact Name: Joe Kowalski
Address: Suite 300, 1133 Regent St. Phone: 506-452-7307
Fredricton NB E3B 3Z2 Fax: 506-452-7388
Email:
Website:

Technology/Product Name:

Technology Description:

utilizes high oxidation rates through biostimulation and selective bioaugmentation; use of bacterial aggregates

Party responsible for promotion/distribution/developer of product:

Tech ID: C-37

Company: Agro Industrias El Alamo
Contact Name:
Address: PO Box 530324 Phone: 619-428-5638
San Diego CA 92153-0324 Fax: 619-428-6028
Email: mktg@yucca.com.mx
Website: <http://www.yucca.com.mx>

Technology/Product Name: Biopowder M & Bioliquid 3000

Technology Description:

Biopowder and bioliquid, whose active ingredient is the extract concentrate from the Yucca schidigera plant, are safe, environmentally friendly, 100% natural products. They reduce the toxic levels of nitrogen compounds, like ammonia, improving the environment, health, productivity and the efficiency properties of animal production. Biopowder M is a Yucca extract in powder form which may be added to animal feed. Bioliquid 3000 is a Yucca liquid extract which can be added to animal drinking water or to waste water in pits or lagoons.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-02

Company: Balzer Inc.
Contact Name: Curt Aalderks
Address: 725 Union Road Phone: 319-277-2443
Cedar Falls IA 50613 Fax: 319-268-9868
Email: curtaalserks@cfu-cybernet.net
Website:

Technology/Product Name: Manure Handling Equipment (including GPS)

Technology Description:

Two areas that Balzer is involved environmentally is by use of different styles of injectors for various soil types and farming practices and variable rate application (GPS) and select rate systems. Four types of injectors are used: disk injectors, "C" shank sweep injector, Balzer's Magnum sweep injector and a No-Till injector. The last two have the least soil disturbance and also seem to keep the odors to a minimum. Two systems are available for precision application: Variable Rate with GPS and a selectable rate machine.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-20

Company: Bion Technologies, Inc
Contact Name: Jeffrey Poulsen
Address: 606 North French Rd. Ste 6
West Amherst NY 14228
Phone: 716-697-3385
Fax: 716-691-3609
Email: jeffrey.poulsen@gte.net
Website:

Technology/Product Name: Bion Nutrient Management System (NMS)

Technology Description:

The Bion NMS process is designed to biologically treat manure and feedlot runoff through a complex series of natural microbial processes. The solids generated from the process have a texture of humus rich topsoil, good nutrient characteristics, and smells like well-tended garden soil.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-67

Company: BioSUN Systems
Contact Name: Guy Miller
Address: Suite 700, 5775 Wayzata Blvd.
Minneapolis MN 55416
Phone: 612-525-2251
Fax: 612-417-0729
Email:
Website:

Technology/Product Name:

Technology Description:

Biological treatment of EMS plus aeration

Party responsible for promotion/distribution/developer of product:

Tech ID: C-23

Company: BioSystems Technology Inc.
Contact Name: H.W. Cox
Address: 2903 Commerce St., Suite E
Blackburg VA 24060
Phone: 540-552-2600
Fax: 540-552-4065
Email: biosys@biosys.com
Website:

Technology/Product Name: High Strength Sequential Biotreatment

Technology Description:

Sequential biological treatment of liquid high strength animal waste with solids composting of biosolids.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-82

Company: Biozome
Contact Name: Guy McGowen
Address: 4606 Copano Court
Austin TX 78749
Phone: 512-282-2087
Fax: 512-292-6419
Email:
Website: <http://www.biozome.com>

Technology/Product Name: Biozome

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-27

Company: Cannon River Corp.
Contact Name: Bill McIntosh
Address: 912 Greenvale Ave.
Northfield MN 55057
Phone: 507-645-6213
Fax:
Email: bmcintosh@microassist.com
Website:

Technology/Product Name: Manure Dewatering

Technology Description:

Remove water from lagoon refuse, filter, return water to continually dilute waste, make dry fertilizer.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-59

Company: Dry Vac Environmental
Contact Name: Mark Chaddick
Address: 101 North Front Street
Rio Vista CA 94571
Phone: 707-374-7500
Fax: 707-374-7505
Email:
Website:

Technology/Product Name:

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-07

Company: Earth Balance Technologies, LTD
Contact Name: Mike Mickley
Address: 752 Gapter Rd Phone: 303-499-3133
Boulder CO 80303 Fax: 303-499-5305
Email: mmickle9@idt.net
Website:

Technology/Product Name: Earth Balance X12 Technology

Technology Description:

The non-toxic, non-hazardous proprietary treatment chemical, X12, is an aqueous solution of inorganic nature. The chemical acts as a catalytic reagent, enabling reactions that normally would not take place except under extreme conditions to take place at ambient temperature and pressure.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-34

Company: Ecological Laboratories, Inc. - Technical Center
Contact Name: Mark J. Krupka
Address: 256 Oakshade Rd. Phone: 609-268-1633
Tabernacle NJ 08088 Fax: 609-268-1647
Email: mjkrupka@aol.com
Website: <http://www.tncaustria.com/microbe-lift/default>

Technology/Product Name: Lift HOG, Microbe Lift Super ENZ

Technology Description:

Microbe Lift HOG is a consortium of naturally occurring bacteria developed to improve the performance of all kinds of biological processes, including suspended growth and fixed film wastewater treatment systems. Microbe Lift Super ENZ is a biological accelerator with white rot fungus enzyme, bio stimulants and a small % of chemical oxidizers as a catalyst. When used in conjunction with Microbe Lift HOG to initiate treatment the performance is enhanced where a boost to performance is required.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-69

Company: Ekokan LLC
Contact Name: Alexandra Kantardjieff
Address: 103 Arbor Way, Suite 1D Phone: 919-469-3727
Cary NC 27513 Fax: 919-467-0294
Email:
Website:

Technology/Product Name:

Technology Description:

Anaerobic biofilter

Party responsible for promotion/distribution/developer of product:

Tech ID: C-55

Company: EM Technologies, Inc.
Contact Name: John M. Phillips
Address: Suite 122, 1802 W. Grant Road
AZ

Phone: 520-659-9301
Fax:

Email:
Website:

Technology/Product Name:

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-35

Company: Engineering Concepts
Contact Name: John Petering
Address: 804 South Broad St.
MN

Phone: 507-625-8830
Fax:

Email:
Website:

Technology/Product Name:

Technology Description:

incorporation. Tertiary treatment.

Party responsible for promotion/distribution/developer of product:

Tech ID:

Company:
Contact Name:
Address: Dublin PA

Phone:
Fax:

Email:
Website:

Technology/Product Name: Bio-Digestor

Technology Description:

In-vessel composter - creates compost from hog manure in 3-5 days.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-01

Company: Fischer Enterprises, Inc
Contact Name: Marlin Fischer
Address: 2415 Utah Ave. Phone: 515-378-3365
Thor IA 50591 Fax: 515-378-3375
Email: webmaster@krystal-air.com
Website:

Technology/Product Name: Krystal Air

Technology Description:

Krystal Air is an amphoteric formula that acts and reacts with a positive and negative ion exchange converting H₂S - SO₂ - NH₃ into salts of sulphide, sulphate, and nitrate and nitrites which are biodegradable.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-10

Company: G.T. Environmental Technology, Inc.
Contact Name: Stuart Bank
Address: 13071 Stone Road, Suite C Phone: 281-997-0200
Pearland TX 77581 Fax: 281-997-0201
Email: gtenvttec@flash.net
Website:

Technology/Product Name: GT-2000OC Odor Control & BC-2000V Microbes

Technology Description:

GT-2000OC addresses the problem of odour control and sludge reduction of the hog manure by providing an enhanced bio-stimulant catalyst to the microbial population. This technology allows the microbial population to be converted from an anaerobic population to the more effective aerobic population.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-09

Company: Gaston County / Animal Environment Specialists Inc
Contact Name: Dr. Ian Taylor
Address: 163 Canterbury Court Phone: 630-924-6870
Bloomingdale IL 60108 Fax: 630-924-6871
Email: ian.a.taylor@worldnet.att.net
Website:

Technology/Product Name: Tangential Flow Separator (TFS) Based Systems

Technology Description:

A tangential flow separator is essentially a cylindrical vessel with a cone base. The effluent is introduced to the vessel through a feed pipe set at a tangent to the side wall. The main outlet is from the top centre of the vessel. The flow from within the vessel follows the pattern of a flat coiled spring, and is divided so that 90% is discharged as clarified liquor. 10% emerges from the cone base of the vessel and contains all the precipitated or settleable solids.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-78

Company: Global Waste Management
Contact Name: Rob Adams
Address: 2430 East Highway 153 Phone: 435-438-1716
Beaver UT 84713-1913 Fax:
Email:
Website:

Technology/Product Name:

Technology Description:

Chemical and polymer used in solid separation

Party responsible for promotion/distribution/developer of product:

Tech ID: C-31

Company: Hg Engineering
Contact Name: Harry Gatley
Address: 2133 E 9400 S, Suite 153 Phone: 801-272-2411
Sandy UT 84093 Fax: 801-272-2411
Email: harry@networld.com
Website:

Technology/Product Name: Manure Drying and Treatment

Technology Description:

My process dries and pulverizes manure and seems to reduce pathogens using ultra high velocities and boundary air laminar flow technology. The test units we ran last year showed cattle manure inlet at 40% moisture and 5% discharge with no detectable coliform on the discharge. The dryer dries manure without reducing the protein value. I have also designed a high impact, high velocity pelletizer that eliminates the need of binders.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-24

Company: Hoffland Environmental, Inc
Contact Name: Robert O. Hoffland
Address: 10391 Silver Springs Road Phone: 409-856-4515
Conroe TX 77303 Fax: 409-856-4589
Email: hoffland@flex.net
Website:

Technology/Product Name: Hoffland Process

Technology Description:

HEI has developed and is marketing a process and equipment to treat the liquid waste slurry resulting from the large scale confinement of swine. The turn-key system provides all equipment with installation. The process treats the waste to remove not only the solid waste but also the excess nutrients, nitrogen, and phosphorous.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-15

Company: Koch Membrane Systems
Contact Name: Kevin Donahue
Address: 850 Main Street
Wilmington MA 01887
Phone: 978-694-7175
Fax: 978-694-7020
Email: donahuek@kochind.com
Website:

Technology/Product Name: Membrane Technology

Technology Description:

Membrane filtration for volumetric reduction of manure. Result is concentrated solids and reusable water.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-43

Company: Natural Aeration Inc.
Contact Name: Gary Wegner
Address: 28598 N. Riffe Road
Reardan WA 99029
Phone: 509-796-4825
Fax: 509-796-4826
Email: naturalaeration@circul8.com
Website: <http://www.circul8.com>

Technology/Product Name: Aeration

Technology Description:

Party responsible for promotion/distribution/developer of product:

Tech ID: C-33

Company: Oxyzone Systems, Inc.
Contact Name: Dr. Paul Ling Tai
Address: 30057 Orchard Lake Rd., Suite 250
Farmington Hills MI 48334
Phone: 248-855-9800
Fax: 248-855-8125
Email:
Website:

Technology/Product Name: Extreme Air & Lagoon Clean Machine

Technology Description:

Patent process of super oxydation removing odor, dust, chemicals, permanently from air & water.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-44

Company: Sheaffer International, Ltd.
Contact Name: John A. Johnson
Address: 10355 Harvest Lane
Broadway VA 22815
Phone: 540-896-6173
Fax: 540-896-4361
Email: johnsonfour@rica.net
Website:

Technology/Product Name: Modular Reclamation and Reuse System (MRRS)

Technology Description:
anaerobic/aerobic sequential treatment; intense aeration; oxidation.

Party responsible for promotion/distribution/developer of product:

Tech ID: C-08

Company: SLR Distributing
Contact Name: Roger Shoemaker
Address: 2928 Wendover
Lincoln NE 68502
Phone: 402-475-4403
Fax: 402-475-4403
Email: rlsmaker@aol.com
Website:

Technology/Product Name: Lagoon Aid

Technology Description:
Biological and natural elements digest waste and capture escaping gases (N).

Party responsible for promotion/distribution/developer of product:

Tech ID: C-05

Company: TOMCO
Contact Name: Tom Eden
Address: PO Box 78
Wantagh NY 11793
Phone: 516-781-4972
Fax:
Email: tomcochemical.com
Website:

Technology/Product Name: In Gest O BAC

Technology Description:
This is a live culture. It reduces sludge and odors. We grow the material.