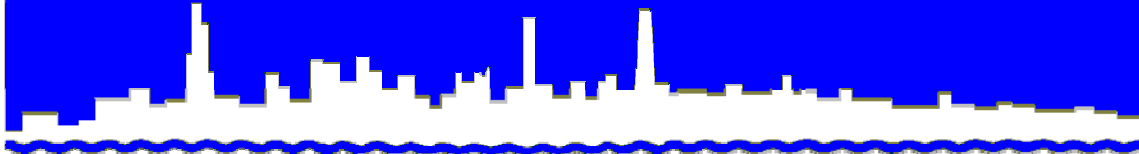Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

RESEARCH AND DEVELOPMENT DEPARTMENT

REPORT NO. 06-82

MONTHLY CONTROLLED SOLIDS

DISTRIBUTION REPORT

OCTOBER 2006

December 2006

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET   CHICAGO, ILLINOIS 60611-3154   312·751·5600

December 27, 2006

Louis Kollias, P.E., BCEE
Director of Research and Development

312·751·5190

Mr. S. Alan Keller, P.E.
Manager, Permit Section
Illinois Environmental
 Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Dear Mr. Keller:

Subject: Metropolitan Water Reclamation District of Greater Chicago – Controlled Solids Distribution Program IEPA Permit No. 2005-SC-3793, October 2006

This letter transmits information and data for the Metropolitan Water Reclamation District of Greater Chicago (District) - Controlled Solids Distribution Program for October 2006, as required by Illinois Environmental Protection Agency Permit No. 2005-SC-3793.

Sludge flow schematic diagrams for solids processed during October 2006 are shown in Figure 1 - John E. Egan Water Reclamation Plant (WRP), Figure 2 - Calumet WRP, and Figure 3 - Stickney WRP.

No biosolids were distributed to any site in October 2006.

Very truly yours,

Louis Kollias
Director
Research and Development

LK:KK:spy
Attachments
cc w/att.:   Aistars (USEPA)
            Sulski (IEPA)
            Sobanski
            Levy/Quintanilla
            Sharma /Conway
            Ballowe/Collins/Carmody
            Granato/O'Connor/Cox

Solids Diagram

J.E. EGAN WRP SOLIDS DISTRIBUTION-
FIGURE 1

October-06

KIRIE WRP
712 DT

Other

0 DT

RECYCLE
TO EGAN

CENTRIFUGE

324 DT

EGAN
WAS
291
DT

GBT

DIGESTER

629 DT

562 DT

LAND APPLICATION

OTHER
PERMITTED SITE
0 DT

679
DT

1104
DT

562 DT

EGAN PRIMARY
425 DT

0 DT
RECYCLE
TO EGAN

EGAN
DRYING SITE

650 DT

NORTH
SOUTH

0 DT
0 DT

68 DT
CENTRATE

CONTROLLED
DISTRIBUTION
0 DT

NORTH SIDE WRP
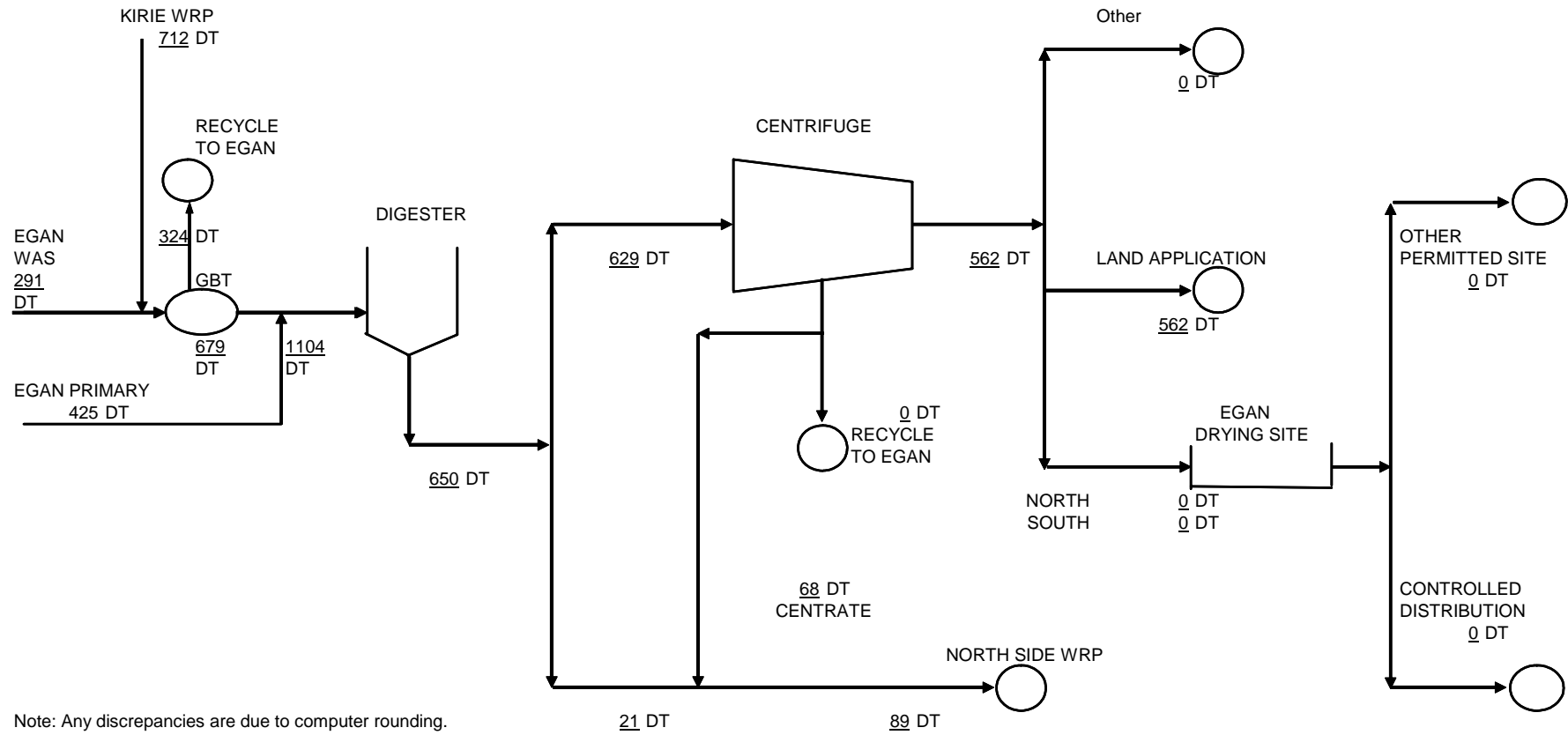
Note: Any discrepancies are due to computer rounding.

21 DT

89 DT

CALUMET WRP SOLIDS DISTRIBUTION – SEPTEMBER 2006

Figure 2

STICKNEY WATER RECLAMATION PLANT SOLIDS DISTRIBUTION FOR OCTOBER 2006

Figure 3

NORTH SIDE WRP
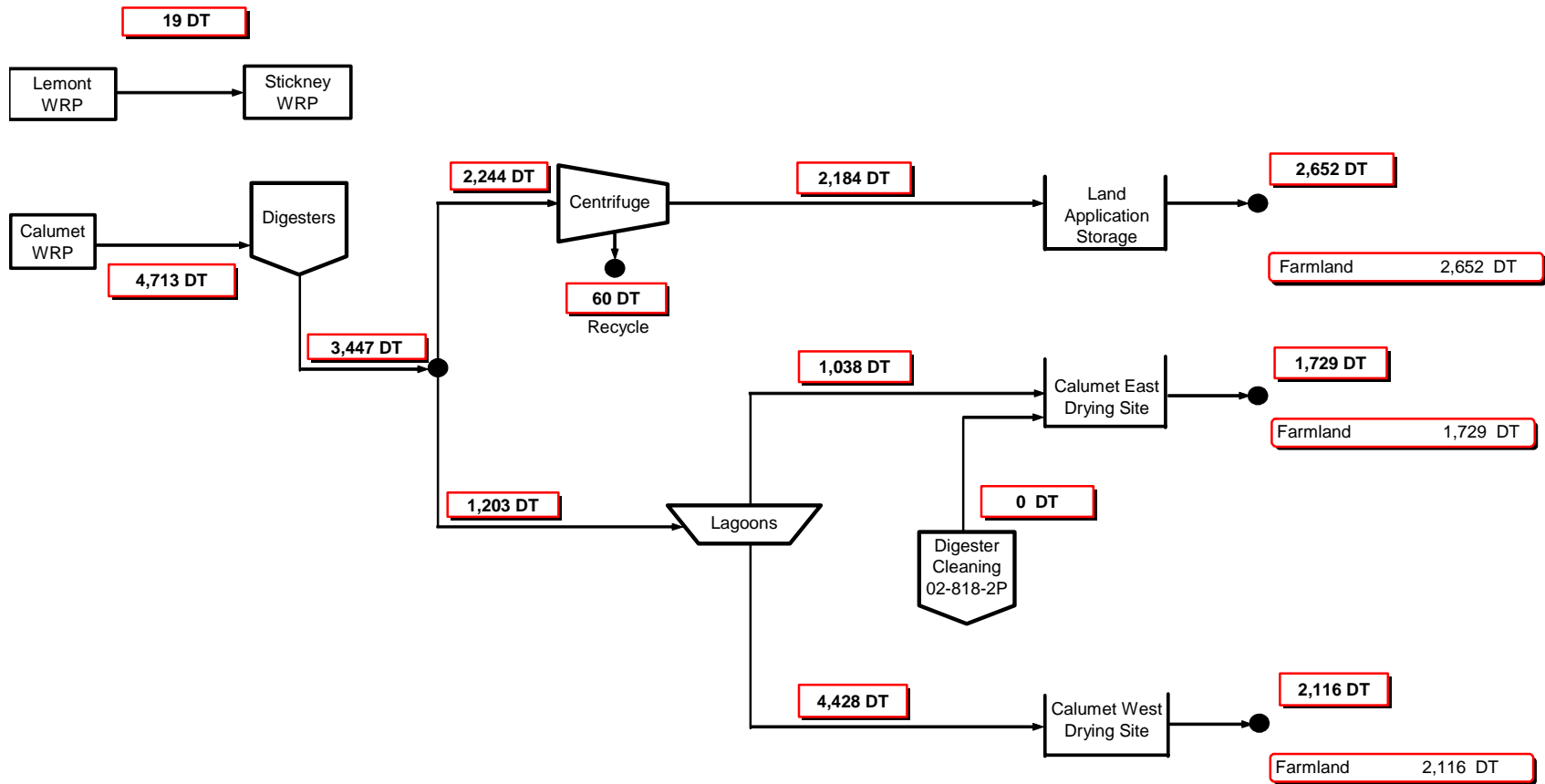
3,723 DT

12,809 DT

SWRP CENTRIFUGE

(12,524)* DT

285 DT RECYCLE

DIGESTERS

15,889 DT

13,018 DT

EGAN CENTRIFUGE

(0)* DT

(8,933)* DT

PRIMARY PLUS WASTE ACTIVATED

209 DT

10,758 DT

7,017 DT

IMHOFF

0 DT

1,408 DT

(CENTRIFUGE CAKE)*

LAGOON

5,272 DT

(0)* DT

(1,511)* DT — LAGOON — (0)* DT

(0)* DT — CELLS — (0)* DT

(0)* DT — HASMA — (435)* DT

(2,080)* DT

0 DT
(0)* DT — HASMA — (0)* DT

5,272 DT
(0)* DT — MARATHON — 1,506 DT / (0)* DT

0 DT
(0)* DT — CELLS/BASIN LAGOON — 4,096 DT / (0)* DT

0 DT
(0)* DT — VULCAN — 0 DT / (0)* DT

(906)* DT

(1,609)* DT — STONY — (618)* DT
(0)* DT
0 DT

0 DT — RIDGELAND — 0 DT

0 DT
(0)* DT — MARATHON HILL MIX/TRANSFER — 0 DT / (0)* DT

(0)* DT — CALUMET EAST — (0)* DT

(0)* DT
5,602 DT

(0)* DT — CALUMET WEST
0 DT

DISTRIBUTION

CENTRIFUGE (1,524)* DT

(618) DT ONYX (Daily Cover)
(0) DT
(0) DT
(0) DT

(0) DT Wet Farm (Lab)
(435) DT Synagro Wet Farm
(471) DT Synagro Wet Farm-
         direct from SWRP Centrifuge

LO- SOLIDS 5,602 DT

5,602 DT ONXY (Daily Cover)
0 DT
0 DT
0 DT
0 DT
0 DT

TOTAL   7,126 DT
TOTAL LASMA   6,655 DT

LK 11/21/2006