March 12, 1985

	Public question and answer period and discussion to accept new	<u> </u>
	proposals on the Taber House.	1-2
	Rule V waived and appropriation of \$600 from A/C 501A-2 to A/C 501-002 approved for the Engineering Department.	
	Mr. Killen requested a letter directed to Mr. Dunleavy regarding newspaper ad for the sale of surplus equipment.	2
	Confirmed Mayor Dickinson's appointment of Robert N. Beaumont to Commissioner, Public Utilities Commission.	3-4
	Confirmed appointment of Gary J. Solnik to Alternate position on Zoning Board of Appeals and Mr. Solnik was sworn in immediately.	4
	Confirmed Henry E. Toman's appointment to Planning and Zoning Commission and also to the South Central Regional Planning Commission and he was sworn in to the P & Z Commission immediately.	4
	Established new line item A/C 1 601-401 Canvass Cards, Registrars of Voters, and approved a transfer of \$1,100 from A/C 1 601-418 to A/C 1 601-401.	4
	Approved tax refunds totalling \$897.61 requested by Tax Collector	. 5
	Approved merit increases for F. Thomas Dooley, Parks & Recreation Thomas A. Myers, Comptroller, Vincent Mascia, James Kirkland and Gregory Makuch, Water & Sewer Division employees.	, 5
	Approved transfer of \$11,600 from 805-319 to A/C 804-840 requested by Charlotte C. Collins, Treasurer.	d 5-6
	Approved budget resolution amending Revenue Budget A/C 704, incresof \$215 and amending Expenditure Budget A/C 203Y-600 - Contribution Memory of Ann Milligan to Yalesville Volunteer Fire Department an increase to A/C 203Y-600 of \$215.	on
	Approved the following transfers requested by the Fire Department \$900 from A/C 203R-300 to A/C 203R-170 \$280 from 203R-Capital Telescopic Lens to 203R-Capital Co. 1 Ceil: \$120 from 203R-Capital Fire Hose-1 3/4" to " " " " " " \$130 from 203R-Capital Fire Hose-2 1/2" to " " " " " " " \$365 from 203R-Capital Training Tower Roof to " " " " "	
	Approved transfer of \$3,000 from 503-135 to 505-500, Public Works Approved transfer of \$3,000 from 504-455 to 505-500, Public Works	• 7 • 7
	Waived Rule V and approved a transfer of \$1,850 from 503-130 to 506-330 to make emergency repairs to compactor for Public Works.	8
1	Amended General Fund Revenue Budget A/C 210 Building Department Permits, increasing it \$1,755 and amended General Fund Expenditure Budget A/C 205-890 Permit Fund, increasing it \$1,755, as requested by Carmen T. Spiteri.	8
1	Approved the following transfers for the Water & Sewer Division: \$3,000 from A/C 623-000 to A/C 925-001; \$8,300 from A/C 920-000 to A/C 926-000; \$12,380 from 343-085 to 346-085; an appropriation of \$10,000 from Estimated Unappropriated Balance to 314-085.	;8-9
	Item (16) Report on Town Directional Sign problem withdrawnto be placed on future agenda.	9
I	Discussion regarding earnings of the Electric Division, requested by Councilman Albert E. Killen.	LO-15
2	Approved transfer of \$1,500 from A/C 586 to A/C 597, Electric Div.	. 15
č	Discussion with Public Utilities Commission regarding options available to the Town on the water treatment plant issue, requested by Mayor Dickinson.	L5 - 18

Established new line item A/C 1-111-002 Town Council Furniture and appropriated \$1,999 from 805-319 to A/C 1-111-002.	19 /
Accepted Town Council Meeting minutes dated February 19, 1985.	19
Accepted Town Council Meezing minutes dated February 26, 1985.	_ 19
Meeting adjourned.	19

Town Council Meeting

March 12, 1985

7:30 p.m.

Council Chambers

A regular meeting of the Wallingford Town Council was held on March 12, 1985 and the meeting was called to order at 7:35 by Chairman Gessert. Answering present to the roll called by the Town Clerk were Council members Bergamini, Diana, Gessert, Holmes, Killen, Krupp, Papale, Polanski and Rys. Mayor Dickinson was also present. The pledge of allegiance was given to the flag.

Invocation by Chaplain Ray Cooley: God we pray for thy wisdom. Be in our midst this evening. Be with this Town Council as they deliberate; help them as they struggle to be fair and honest with all the interests that they have to deal with. Amen.

Public Question and Answer Period

Shirley Calandrella, 17 Laden Avenue referred to a newspaper article and a comment by the Mayor regarding the town receiving a higher percentage of the utilities money which may result in higher electric rates. Mayor Dickinson believes his comment was taken out of context. As the Mayor recalled, the letter he submitted indicated that any time we would use money from the Electric Division for any other purposes, the result could mean higher electrical rates. The Mayor is not advocating this and explained that if the town decided to take profits from the Electric Division and use them for purposes other than the Electric plant improvement, it could mean higher electric rates. We are not advocating that—this was just to make clear to anyone reading the opinion that we cannot easily and without new concern for consequences go to any of the utilities and withdraw for use on other types of projects in town without having an impact on our utility rates—that was the point.

Ms. Calendrella referred to Mr. Killen's statement in the newspaper which indicated that the Pierce Station closed in 1981 and she asked Mr. Killen since when has the utility plant closed and who is paying for the linemen working on the poles and who kicks in the power when it's needed. Mr. Killen explained that the generating plant was closed for all intents and purposes and they have a standby crew and years ago, peak shaving power was generated and now the contract was changed with CL&P and Pierce is not a working station anymore. Ms. Calendrella feels the town should be very grateful for the Pierce plant and she sees no reason why the town should put their hands on the money that plant makes. It should be kept within the Electric Division because they are seeking ways to obtain lower costing fuel and this money is also necessary for repairs needed. Mr. Killen stated that by state statute, the town appropriates the money for the utility divisions and they can do nothing without the money given to them by the town.

Mr. Killen explained that atbudget time, all departments have requests to be filled and as it stands now if the Electric Division had \$10,000,000 to sit on and the town needed police cars, snow plows, etc. we could not touch that money. It is up to the wisdom of the Town Council to decide who will get what but if there are certain areas the Town Council cannot touch, what is the sense of this group sitting down and putting a budget together—it doesn't make much sense. Ms. Calendrella stated she did not have too much faith in that.

Mr. Gessert stated that a letter was sent to all Council members indicating that Jim Acton received a request or statement of interest from Mr. Northrop of Rocky Hill who is interested in disassembling the Taber House and rebuilding it in some other community.

Mr. Acton stated that the Taber House has become very popular and a man from New York came up last week, somebody today and someone will be here on 3/14/85 in response to an ad in the New York Times and in Connecticut Magazine and there is some keen interest. Mr. Acton wanted Council approval before giving verbal acceptance of any proposals.

Mr. Gessert asked the Council members if they would be willing to consider proposals to move the Taber House and all Council members are willing to listen to alternatives but Messrs. Diana, Gessert, Killen, Krupp, Polanski and Rys would prefer to see the Tab House moved to another site in Wallingford. Mr. Killen indicated that the Town Council will decide the alternative since the town of Wallingford owns the building.

Mr. Killen moved to waive Rule V and this motion was seconded by Mr. Rys and unanimously approved; motion duly carried.

Mr. Killen moved an appropriation of \$600 from A/C 501A-2 Correction to Sanitary Laterals by Preconstruction to A/C 501-002 Capital Kern Level. Mr. Krupp seconded the motion.

Mr. Rys asked Mr. Myers what A/C 501A-2 entailed and Mr. Myers explained it was a section of the Engineering Department called General Improvements-improvements to town roads, streets, etc.

Mr. Gessert's only concern with this appropriation is that he hoped it would not prevent work from being done on laterals which need repair and Mark O'Connell indicated that this occurred 2 or 3 years ago when the installation of storm sewers actually damaged some of the sanitary laterals and money was appropriated in the budget.

Vote: Unanimous ayes; motion duly carried.

Mr. Killen asked, while under Rule V, if the ad in the newspaper the other day concerning the sale of surplus property came before the Council and Mr. Gessert said it did not and asked Mr. Killen to direct a letter to the Purchasing Agent to ask that this matter be brought before the Town Council. (A letter was sent regarding this matter to Mr. Donald Dunleavy on March 14, 1985.)

Mr. Gessert read a letter from Mayor Dickinson regarding the appointment of Robert N. Beaumont as a Commissioner to the Public Utilities Commission and the letter stated many reasons why the Mayor felt Mr. Beaumont would be a fine addition to this Commission.

Mr. Krupp moved confirmation of the Mayor's appointment of Robert N. Beaumont as a Commissioner of the Public Utilities Commission. This motion was seconded by Mr. Polanski.

Mr. Krupp expressed a tremendous amount of respect for Mr. Beaumont and felt he will be an asset to the PUC. Mr. Krupp would like to note for the record the exceptional job Mr. DeMaio has done serving on the PUC and note our appreciation for the service he has given to the community on the PUC. Mr. Gessert also felt Mr. DeMaio deserved to be thanked for the fine service he has performed.

Mr. Diana mentioned to Mayor Dickinson that Mr. DeMaio did a fine job and it's a shame he wasn't picked to return. With all due respect to the Mayor's selection, Mr. Diana congratulated Bob who is a fine individual and will put in fine effort and the choice was a good one.

Mrs. Papale thanked Joe for the fine job for the 6 years he has been on the PUC. He was one of the finest PUC Commissioners, an expert on the water and sewer problems since he worked on the sewer and water department of DeFelice Construction since age 14. The PUC and Town Council has had a good relationship because of Joe's bipartisan approach and knowing Bob Beaumont, she feels this will continue and she wishes Bob Beaumont lots of luck in his new job.

Mr. Edward Musso, 56 Dibble Fdge Road felt that Mr. Beaumont has good qualifications but that Mr. DeMaio was an expert in the field and felt that Mr. DeMaio should have remained and another spot chosen for Mr. Beaumont.

Mr. Gessert felt that Mr. Beaumont will do an excellent job and we are looking at very serious funding situations and financial alternatives and Bob will be able to analyze numbers, etc. He worked on Project Catch-Up and brought it to a successful close.

Mr. Killen felt that a letter of appreciation from the entire Council should be sent to Mr. DeMaio and Mr. Gessert agreed.

Vote: Unanimous ayes; motion duly carried.

Mr. Gessert congratulated Bob Beaumont and he received applause from the Council and audience.

Mr. Beaumont thanked Mayor Dickinson for making him his appointee and thanked the members of the Town Council for their support. He looks forward to serving on the PUC and expects it will be a very interesting challenge and he looks forward to helping the town out with the large projects ahead such as sewage treatment plant and water treatment plant.

Mr. Holmes moved confirmation of the appointment of Gary J. Solnik as Alternate to the Zoning Board of Appeals, seconded by Mrs. Bergamini.

Vote: Unanimous ayes; motion duly carried.

Mr. Solnik was sworn in by the Town Clerk at this point in the meeting and congratulated by the Town Council.

Mrs. Bergamini moved confirmation of the appointment of Henry E. Toman to the Planning and Zoning Commission, seconded by Mr. Krupp.

Vote: Unanimous ayes; motion duly carried.

Mrs. Bergamini moved confirmation of Henry E. Toman to the South Central Regional Planning Commission, as requested by Mayor Dickinson. Mr. Krupp seconded the motion.

Vote: Unanimous ayes; motion duly carried.

Mr. Toman was sworn in by the Town Clerk at this point in the meeting as a member of the Planning and Zoning Commission and was congratulated by the Town Council.

Mr. Toman thanked the members of the Town Council for these confirmations and looks forward to working with them for the betterment of Wallingford. Mr. Toman also wanted to publicly state his thanks to the members of the Planning and Zoning Commission for the warm and friendly receptions they have given him during the two meetings held last week and he looks forward to working with the P & Z.

Mr. Killen moved to request that item (8) be moved to this position, seconded by Mr. Holmes; unanimous ayes; motion duly carried.

Mr. Killen moved to establish a new line item A/C 1 601-401 Canvass Cards, seconded by Mrs. Bergamini; unanimous ayes; motion duly carried.

Mr. Krupp moved a transfer of \$1,100 from A/C 1 601-418 to A/C 1 601-401 as requested by the Registrars of Voters. Mr. Holmes seconded the motion; unanimous ayes; motion duly carried.

\$ 50.23 to Mr. John H. Misiaszek

674.25 to Harold & Margie Jackson and/or Jefferson Federal 4.49 to DeForest J. Cooper

29.90 to Evo Qurici

75.95 to Thomas A. or Mary Anne Gorham 62.79 to Franklin Steen

\$897.61 TOTAL

Mr. Killen noted the reason for the refund was not noted on the form for Franklin Steen and Mr. Fields indicated it should be Sec. 12-129 Refund of Excess Payments.

Vote: Unanimous ayes; motion duly carried.

Mr. Krupp moved approval of a merit increase for F. Thomas Dooley, Parks & Recreation, seconded by Mr. Holmes; unanimous ayes; motion duly carried.

Mr. Krupp moved approval of a merit increase for Thomas A. Myers, seconded by Mrs. Papale.

Mr. Holmes commented that Tom Myers is one of the most effective officers in the town of Wallingford who works very hard and is definitely an asset to the town and he is to be commended for his hard work. Mrs. Bergamini noted that the entire Council agrees with that. Mr. Krupp noted that Mr. Myers has been rated above average to superior and from what Mr. Krupp has seen, he would consider that underrating him. Mr. Gessert noted that in addition to his capabilities, his dedication is also noteworthy. He spends a tremendous amount of extra time working for the Town of Wallingford. (The former Town Council secretary always referred to Thomas A. Myers as SUPERSTAR!)

Vote: Unanimous ayes; motion duly carried.

Mr. Krupp moved approval of a merit increase for Vincent Mascia, seconded by Mrs. Papale; unanimously approved; motion duly carried.

Mr. Krupp moved approval of a merit increase for James Kirkland, seconded by Mrs. Bergamini; unanimously approved; motion duly carried.

Mr. Krupp moved approval of a merit increase for Gregory Makuch, seconded by Mr. Holmes; unanimously approved with the exception of Mr. Gessert who voted no; motion duly carried

Mr. Mascia, Kirkland and Makuch are Water & Sewer Division employees.

Mr. Gessert read the 3/5/85 letter from Charlotte C. Collins, agenda item (9), Police Heart & Hypertension.

Mrs. Bergamini asked how much was left in 805-319 and Mr. Myers stated roughly \$120,000.

Mr. Gessert asked Mrs. Collins why the transfer was necessary at this point and Mrs. Collins explained that unexpected occurrences necessitated this. Mr. Gessert indicated that other towns were instituting means to reduce these types of payments and perhaps a plan should be started to reduce risks. Mrs. Collins said this has been tried but has met opposition from the union and she also pointed out that the 5 people including 1 on the fire department that are currently covered under the heart and hypertension were not stress jobs but that does not make any difference and they are still covered under the heart and hypertension act. There are a raft of bills before the legislature. Mr. Gessert felt that a risk reduction such as prevention by an exercise program should be instituted. Mayor Dickinson felt that any schedule for physical conditioning would have to be during the work day, part of union negotiations. The Personnel Office could be made aware of interest in this. Mr. Gessert has spoken with people who are interested in a prevention program and he feels it should be added to the country of the country o be a joint effort with Mrs. Collins, Mr. Seadale and the union.

155

Mr. Diana commented that the heart and hypertension law was intended for people in stressful positions. He agreed that an exercise program would be beneficial. In reference to a comment made by Mr. Killen about people holding down an additional job or two besides a position on the police or fire force, the Police Chief or Fire Chief should be aware of any employees who have stressful positions and are also working more than one full time job and are burning themselves out prematurely. It would be helpful to rotate these persons to eliminate stress occasionally. Mrs. Collins pointed out that the five persons currently on heart and hypertension were on a 5 day week, 8 am to 4 pm, desk job and not stressful.

Mrs. Bergamini moved the transfer of \$11,600 from 805-319 to A/C 804-840 Police Heart & Hypertension, requested by Mrs. Collins. Mr. Polanski seconded the motion.

Vote: Unanimous aves with the exception of Mr. Krupp who voted no; motion duly carried.

Mrs. Bergamini read and Mr. Killen moved the following resolution: BF IT PESOLVFD: The 1984-85 General Fund budget is amended as indicated herewith:

- (1) Revenue Budget Account 704 Miscellaneous Revenue increased \$215.00
- (2) Expenditure Budget Account 203Y-600 Contribution in Memory of Ann Milligan appropriated \$215.00

Mrs. Papale seconded the motion.

Mr. Killen asked if this money will be used at the discretion of the Yalesville Fire Department and Mr. Myers indicated that the money is theirs to use.

Vote: Unanimous ayes with the exception of Messrs. Gessert and Krupp who were not present for the vote; motion duly carried.

Mrs. Bergamini read the 2/20/85 letter from Mr. McElfish, agenda item (11).

Mr. Diana moved the transfer of \$900 from A/C 203R-300 to A/C 203R-170, seconded by Mrs. Papale.

Vote: -Unanimous ages with the exception of Messrs. Gessert,
Holmes and Krupp who were not present for the vote;
motion duly carried.

Mrs. Bergamini read Mr. McFlfish's letter dated 3/6/85, agenda item (12)(a), (b), (c) and (d).

Mr. Killen moved approval of the following transfers: \$280 from 203R-Capital Telescopic Lens to 203R-Capital Co. I Ceiling \$120 from 203R-Capital Fire Hose-1 3/4" to 203R-Capital Co. I Ceiling \$130 from 203R-Capital Fire Hose-2 1/2" to 203R-Capital Co. I Ceiling \$365 from 203R-Capital Training Tower Roof to 203R-Capital Co. I "Mr. Krupp seconded the motion.

Mr. Killen asked if all purchases had been made from these capital accounts with this being the residue to which Chief McElfish agreed.

Vote: Unanimous ayes with the exception of Mr. Holmes who was not present for the vote; motion duly carried.

Chief McElfish noted that a physical fitness program is a contractual item which must be negotiated and he is well aware of the benefits and hopes it will come to fruition. Mr. Killen feels it will be beneficial to the men as well as the town.

Mr. Krupp moved the transfer of \$3,000 from 503-135 to 505-500, Public Works, seconded by Mrs. Bergamini.

Mr. Krupp asked Mr. Deak why this transfer was required and Mr. Deak indicated that repairs are necessary on some large pieces of equipment over 10 years old and some of the parts are very expensive. The paving machine needs repairs and the large truck which hauls cover to the landfill needs brakes, etc.

Vote: Unanimous ages with the exception of Mrs. Papale who was not present for the vote; motion duly carried.

Mr. Krupp moved to waive Rule V to consider an emergency transfer for Public Works. This motion was seconded by Mr. Holmes; unanimous ayes; motion duly carried.

Mr. Gessert read a letter from Mr. Deak explaining that the compactor broke down and this transfer was necessary to purchase parts and repair it immediately.

Mr. Krupp moved a transfer of \$1,850 from 503-130 to 506-330, Public Works, seconded by Mr. Holmes.

There was some discussion about repairs made to the compactor recently but those repairs were of a different nature. Mr. Deak noted that this piece of equipment originally cost \$150,000.

Vote: Unanimous ayes; motion duly carried.

Mr. Gessert read Mayor Dickinson's 3/5/85 letter, agenda item (14). The Mayor pointed out that the transfer should be a budget amendment and Mr. Myers explained the format to the Council.

Mr. Killen moved the following budget amendment, Building Department:

RESOLVED: Amend the General Fund Revenue Budget A/C 210 Building Department Permits, increasing it \$1,755 and

Amend the General Fund Expenditure Budget A/C 205-890 Permit Refund, increasing it \$1,755

Mrs. Papale seconded the motion.

Vote: Unanimous ayes; motion duly carried.

Mr. Gessert asked how close to the projected figure the permits are which have been taken out to date on Bristol-Myers and Mr. Spiteri indicated that permits have totalled \$31,000,000 and the original projection was \$40,000,000 but certain items such as landscaping, furniture, etc. cannot be included so they may very well make up some of the \$9,000,000 difference. Mrs. Bergamini suggested that the town receive a copy of all contract totals if possible.

Mr. Gessert moved to agenda item (15)(a), (b), (c) and (d).

Mrs. Bergamini moved the transfer of \$3,000 from A/C 623-000 to A/C 925-001, seconded by Mrs. Papale.

Mr. Killen asked if something happened recently and Mr. Denison explained that it was due to an employee with a back injury.

Vote: Unanimous ayes with the exception of Messrs. Diana, Holmes and Krupp who were not present for the vote; motion duly carried.

Mrs. Bergamini moved the transfer of \$8,300 from A/C 920-000 to A/C 926-000, Sewer Division. Mr. Polanski seconded the motion.

Mr. Gessert asked why a transfer was necessary for the pension and benefits account and Mr. Denison explained that the benefits were calculated based upon a figure which was used in the 1983-84 budget and it proved to be underestimated.

Vote: Unanimous ayes with the exception of Mr. Rys who was not present for the vote; motion duly carried.

Mrs. Bergamini moved the transfer of \$12,380 from A/C 343-085 to A/C 346-085, Water Division. Mr. Holmes seconded the motion.

Vote: Unanimous ayes with the exception of Mr. Rys who was not present for the vote; motion duly carried.

Mr. Holmes moved the appropriation of \$10,000 from Estimated Unappropriated Balance to A/C 314-085 Wells & Springs, Water Department. Mrs. Papale seconded the motion.

Mr. Krupp assumes the estimated unappropriated balance is excess but has not seen a financial statement from the utilities division since December.
Mr. Killen asked if this was for treatment purposes and Mr. Bruno stated it was exploratory to determine if well locations can be found on the east side of McKenzie Dam which was always felt to be a possibility but was inaccessible because there was no road. The west side is solid rock. Mr. Gessert asked if the Sartori property was a likely site and Mr. Bruno indicated that usually the good areas are along a main body of water. Mr. Gessert asked if this project would go out to bid and Mr. Bruno stated it would not be done in house and he realized anything over \$2,000 would have to go out to bid.

Mr. Killen asked for a breakdown of the \$10,000 and Mr. Bruno said that not all the work was strictly to drill holes. Mr. Killen would prefer to see a breakdown of all costs in the future.

Vote: Unanimous ayes with the exception of Mr. Krupp who passed; motion duly carried.

Mr. Diana noted that item (16), report on town directional sign problem, is being withdrawn for tonight since there will be a hearing on this matter on March 25, 1985. He did request that the first draft of the regulations as they now exist be sent to all Council members for their information. Mr. Gessert asked Mayor Dickinson to request this draft from Miss Bush and after it has been received, it will be placed on a future agenda.

Mr. Gessert moved to item (17), discussion of earnings of the Electric Division and Mr. Killen noted that it is six months to the day when he requested the Council to have an interpretation of what is going to happen to the money that is collected by the utilities. At that time he suggested and later withdrew the motion to have a committee of 3 from the Council meet with the Comptroller, Mayor and Town Attorney to decide what the future would be of those particular earnings of the Electric Division. The Council was told a report would be forthcoming within 30 days from the Comptroller's Office. Mr. Killen was very well aware of the complexity of the issue and wasn't pushing and there is still no report. Mr. Killen wanted this report before budget time and it is a case of what is the law and it can't just be pushed aside until it can be fit into our schedule. At this time, Mr. Killen would like to know where we stand and what we are going to do. Mr. Krupp indicated that the statement was made that the issue would be resolved by the time the next budgets were submitted.

Mayor Dickinson stated that the report was submitted at the last meeting which contained the recommendations. Mr. Kill Mr. Killen felt that the letter talks about unappropriated funds and he is not talking in any sense of unappropriated funds but the collection of the dollars per se and the investment per se as they come in. The Mayor indicated that those matters are ad-The Mayor indicated that those matters are addressed in that report and what you are doing is looking to place the handling of all funds which would include investing within the Comptroller's Office. Certainly now, they are under his jurisdiction but to further clear the air on the matter, they will be under the position of an accountant to handle those funds. The Mayor is not sure what is left unsettled by the treatment of the whole subject matter in that letter. Mr. Killen felt that the Council is being told to bring in consultants and the Mayor indicated that the reason for that is that Tom Myers is concerned about the cash management—the transfer of these funds to his of-fice. At this time, he doesn't have the mechanisms in place to handle the funds to know what is coming due at what time and would like outside expertise on this matter. The investment has to coincide with when you need funds on a cash flow basis and all of this is involved in an overall view to protect all parties. Mr. Killen felt a subcommittee would have been beneficial and he is not sure a consultant is necessary.

Mayor Dickinson stated that the old ordinance of 55/45 is a guess; who knows what should be retained for replacement of equipment, etc. It would take an accounting firm familiar with utility operations to determine what formula should be used for making sure there are funds available to protect those operations against a time when they need to replace equipment and that formula can be used from then on and this could replace the 55% funding ordinance for the capital and nonrecurring fund. Cash management is within Tom's

Mr. Myers reported that his major concern is that in private industry, business knows what amount of retained earnings is necessary to sustain the operations. There is an accounting principle called Return on Investment (ROI) which would set a guideline as to what funds should be available, combined with other resources; in the private sector, sale of stock or additional stock output; in our case sales of bonds or notes to either replace existing property or plant or to provide expansion of property and plant. To the best of Mr. Myers' knowledge, we don't have that and no one in the utilities was able to address what amount of retainage we should have in each of our 3 utility operations—we have retainage but we don't know if it is inadequate or adequate. Mr. Killen pointed our that we are responsible for funding them but we are not getting all the benefits of the monies they are accruing.

Mr. Myers asked where interest income should be credited; currently it has been credited to the utility through the rate setting process. Mr. Killen felt this was for the simple reason that the money was not paid over on a timely basis to the town. Mayor Dickinson pointed out that all funds received by the utilities are paid over to the town and everyone must become conversant with the fact that the town of Wallingford is utilities, general government and educa-These offices are under the supervision of the Office of the Comptroller for the bookkeeping and accounting matters. The Mayor went on to state that the interest income could be, he supposed, appropriated elsewhere. However, at this time, the rates use the interest income. If that is to be changed, it will affect what those rates are but that has to be addressed at the point you change the rates and that is a process that the Council historically has not gotten intimately involved with--what the rates should be and what its components are and what general impact it has, not only on taxation, but on the health of the utilities. Perhaps in the future the Council should get involved and be well informed in the process. Mayor Dickinson emphasized again that any rate used right now uses the investment income to support the utility and that is a fact. Personally, the Mayor feels that the utility rates should support utilities and taxation should support the general government but that is a matter of some subjective content. Rates will be impacted because of the size of the issues pending and it's a question of how high we want them to go. It should all be public knowledge and the Mayor is looking to the utilities and he is sure he will have cooperation from the Commissioners and staff to fully inform the Council. There is no effort on the part of any office to keep anyone in the dark.

Mr. Krupp brought up two things--

(1) The Mayor has brought up the fact that we are all the town of Wallingford whether it be the PUC, Board of Education or the General Fund we are dealing with. However, there appears to be some disparity in the way those departments even though we are all part of one family are handled.

Mr. Krupp has never seen a detailed budgetary analysis (other than at budget time) of the Board of Education or PUC such as the Council gets for the town departments. What is received from the PUC right now is running about 2 months behind.

Mr. Krupp is still a little hung up on the 55/45. The PUC computes its estimated needs and what its return will be and what will be put into retained earnings based on that 45% and it may be that 45% is necessary to support that utility. If that 45% is considered to be adequate to support the operation of the Electric Division, then Mr. Krupp would consider that there is no need for splitting the excess 45/55 down the line.

Mayor Dickinson believes the financial statements provided by the utilities are very detailed but are not prepared on the same accounting standards as general government. They were up to date until the beginning of 1985 but the budget process has interfered as well as the sewer plant funding issue and these issues called for many many hours. Mr. Gessert felt that Mr. Lee at the Electric Division was not tied up with the sewer plant funding issue.

Mr. Raymond Smith indicated that he was instrumental in developing a regular monthly report when he came to the Electric Division.

Preparation of these statements is a much different arrangement than the town financial statements. Some January meetings were cancelled which caused a slowdown. Mr. Smith also mentioned that there has been turmoil since he secretary terminated recently. Mr. Smith felt that the January statements were presented to the Mayor's Office by the last week in February but the February statements have not yet been compiled.

Mr. Gessert asked Mr. Smith how he wanted to select an outside firm and what the cost would be and Mr. Smith indicated that he received a cost of \$15,000 to \$18,000 just to review the retained earnings matter for the Electric Division. The Mayor felt this project can be moved on, depending on the wishes of the Council.

Mr. Killen is interested in what happened before the 55/45 split. During the 50's funds came from the Electric Division to build schools. Studies were done 25 years ago and the Electric Division indicated they would turn over \$1,000,000 annually to the town if they were operating by themselves and not allowed to be taken over by United Illuminating which had been suggested. The \$1,000,000 has yet to be received. 55/45 is against the law in the first place and is not necessary and does not make fiscal sense. That really is the decision of the Town Council but priorities cannot be set in a prudent fiscal manner if all information is not available. Someone should determine what system the Electric Division used before the capital and nonrecurring fund went into existence. The law says, "thou shalt" and thou shalt.

Mr. Ray Smith indicated that no money can be spent within the utilities without the permission of the PUC or Town Council.

Mr. Killen referred to a newspaper article which indicated that Water & Sewer should turn their interest over to the town and Mr. Myers explained that he was quoted incorrectly—the interest income is subject to appropriation by the Town Council. In the past if it has been appropriated through the rate, then the Council has adopted that rate through the oversight provision and that is one situation. Mr. Smith stated that the interest income is shown each month.

Mr. Holmes felt an unbiased opinion is necessary and he is concerned about the possibility of the electric rate used as a lever to hold the line on taxes and this is a concern.

Attorney McManus stated that the price that the utility charges is set by statute and it sets out a formula over and above so you can't do that anyway. The ordinance adopted in 1973 with the 55/45 split is not binding on the town--the Council appropriates every last nickel for that Electric Division, exactly like you would if it were Public Works.

Mr. Diana indicated that the PUC has a \$32,000,000 budget and the Board of Education receives 53% of the town's budget which the Town Council appropriates but once appropriated, this money is untouchable by the Town Council. Mayor Dickinson felt that once money is appropriated for a given purpose, you can't recover it but what we are talking about is unappropriated funds and those are open to appropriation and unless there is money from the State such as GTB, those funds go through the Council to be appropriated.

Mr. Gessert felt that this issue has been debated at great length and the bottom line is that by Charter, Mr. Myers does have the responsibility for those funds and he can make a decision about their operating capital and process the funds. The ROI question must be determined and will this be done by an outside accountant; will the bid be waived to accomplish this and are proposals going to be sought? The Mayor felt that the Purchasing Department could seek proposals from accounting firms through the Mayor's Office.

Mr. Smith felt that any recommendation from an accounting firm would entail a look at the system, the age of the lines for Electric, Water & Sewer. Mr. Myers pointed out that the transaction flow must be looked at because right now those funds are independent of the Comptroller's Office. If Mr. Myers does not appoint and does not supervise, he has no authority and that has been made clear. Is there a liability involved? Definitely—there is a direct liability on Mr. Myers' part on the handling of the funds and that is a critical issue and this fact is known by Mr. Killen, Mr. McManus and Mr. Smith. This situation has existed since 1961 since the Charter was formed.

Mr. Diana strongly feels that the town has the staff available who have all the expertise, intelligence and ability to make a decision on this matter without using an outside firm and he feels there is no reason to go outside whether it costs \$5,000 or \$15,000. Mayor Dickinson indicated that what is vital is that the result of this has credibility and if the Council is not willing to fund it, it will have to be done in house.

161

Mr. Gessert felt he should obtain the opinion of all Council members regarding whether they prefer an outside accounting firm or having the study performed in house.

Mr. Krupp is in favor of an outside firm if it will resolve the issues and the information can be obtained on a timely basis.

Mr. Polanski feels that Mr. Myers knows the operation of his office better than anyone and if he feels an outside consultant is required, Mr. Polanski supports that decision.

Mr. Holmes felt it would be better performed by somebody who doesn't have a direct interest in the matter.

Mr. Rys feels an outside consultant would be preferable to adding people to the payroll in the Comptroller's Office if that is what is required to have this study performed.

Mrs. Bergamini agrees with Mr. Diana and feels that there is nothing involved that Tom Myers cannot answer satisfactorily. All we are trying to tell PUC is that the Council feels they have too much money and we feel the town is entitled to some of it and it is up to Mr. Myers to tell us how we do it.

Mrs. Papale felt that the bottom line is which will take longer-in house or outside consultant. Mr. Myers has enough to handle.

Mr. Myers feels this topic should be addressed once and for all with an independent complete study and the Mayor, Town Council, Town Attorney and PUC should be informed as the study progresses and before it is finalized. When the study is finalized, it should be adopted and implemented. There are crosses and vague areas inthe Charter and this study involves job classes and unions, etc. Mr. Myers indicated that part of the study would be to have some alternative methods given to the town as to what would be a proper retainage for each of the 3 utility operations and there should be some type of guidance for that policy to enable flexibility for projections and the ability to meet goals. There is more involved than what funds are available and from what source, to what extent they will be used and for what reason.

Mr. Diana feels that this is giving the black mask to the executioner. There are the complexities of the Town Charter which an outside firm may not understand and there is still the matter of interpretation which our Town Attorney, must work out.

Mr. Killen presumes certain people are hired for their knowledge and expertise and just because this particular issue is clouded by a particular ordinance, there is no reason that the members of the PUC and their in-house staff should not be aware of the general statutes and the Charter governing utilities. With that in mind and with their own attorney to guide them, there is no reason to bring someone in from the outside because that expertise is in place now and if not, there is something radically wrong. Mr. McManus presented one of the finest opinions on this issue Mr. Killen has ever seen from any town attorney and anyone within the utilities should be able to see where he is coming from.

Mr. Gessert feels that due to the fact that this issue has been unsettled for such a long time, if getting a consultant hired to resolve the issue is what is needed, it is an expenditure which is 10 years overdue and it should be made, the report reviewed, and the recommendations implemented and the issue resolved.

Mr. Gessert indicated that the poll indicated six members in favor of an outside consultant and three preferred to have the study done in house.

Mrs. Bergamini read Mr. Walters' letter dated 2/21/85, agenda item (18).

162

Vote: Unanimous ayes with the exception of Mr. Gessert who was not present for the vote and Mr. Krupp who passed; motion duly carried.

Mrs. Bergamini moved to agenda item (19), Discussion with Public Utilities Commission regarding options available to the town on the water treatment plant issue, requested by Mayor Dickinson.

Mr. Nunn indicated that the consent order from the state is a request to improve the water system and the PUC has looked at a number of areas and realize it will impose a tremendous financial burden on this community with the impending sewage treatment plant.

The request for exploration of wells is to have additional ground water and change the ratio currently utilized between surface water and reservoirs and ground water. There is treatment involved between the 2 sources but it doesn't require the degree of treatment for ground water.

The second possibility is purchasing water outside from private enterprise such as New Haven Water Company. Mrs. Bergamini felt that many problems exist with the New Haven Water Company supply and North Haven residents are drinking bottled water.

Mr. Nunn presented the third alternative which is to build new plant and that has alternatives within itself--the year 2000 or 2005, 8 million gallons a day water source or 6 million, not exactly a savings but a 6 million gallon plant will cost less.

There could be a combination of options--have a small plant and more wells or small plant and purchase some water.

There is a new concept—the area of privatization where you allow a private company in to build plants and we would buy the water from them. They will use our reservoirs. There are tax benefits to companies which are constantly changing. Mr. Killen asked if their plant and operation would be taxable under Wallingford and Mr. Bruno thought not.

The last option is a number of new processes for water treatment such as KROFTA. (See Town Council Meeting minutes of March 14, 1985 for the KROFTA presentation.) There is a plant called Microflock and Lamella and others.

The sixth possibility is to do nothing and fight the state in what their mandates are. The state has asked for the signing of the consent order and the PUC has asked for additional time to which they have made no response. Possibilities are being explored and the PUC is looking for assistance and input from the Council and help in making a decision on this matter.

Mr. Gessert's main concern is the financial burden on the town and utilities at this point and he applauds the PUC for looking for alternatives to seek an economic balance to correct the problem and taking a strong look at every option is certainly the correct procedure.

Mr. Krupp is aware that this is an issue dealing with turbidity which is coloration of water and can find nothing to deal with health issues and is there a proven health hazard? Mr. Bruno stated that are definite state regulations with regard to the quality of the water and two of the parameters are color and turbidity, under a certain value at all times and we are not under those values at least 30% to 40% of the year and we are definitely not in compliance with state and federal regulations with respect to those two parameters. Color and turbidity to the extent we have it do not present a critical health hazard. However, turbidity in our case which comes about from organic matter (leaves, etc.), combined with chlorine could be the cause for carcinogenic properties in the water which we do not have at this time. With increased turbidity, that exposure will also increase. Our reservoirs are completely unprotected and any major problem would cause the shutdown of the water supply.

163

A major oil spill on I-91 would cause us to shut down McKenzie Reservoir because we have no plant to filter the water through to clean it. The intent of the state is that all surface water supplies in the state should be protected with some kind of treatment facility such as a water treatment plant. Our exposure may be on the low side today but there may be some time when it may be on the high side with no protection.

Mr. Gessert referred to East Haven and Mr. Bruno explained that they could take care of a problem now with their treatment plant.

Mr. Nunn explained that we are now operating 75% to 80% from the reservoir system and the balance wells.

Mr. Krupp asked if the Council would be able to see a 20 year cash flow analysis of each alternative and the net present value analysis of those alternatives. Mr. Nunn commented that the staff felt that Mr. Nunn's request to come before the Council is premature. Answers are not being sought now but this is to make the Council aware of the scenario. All the numbers are not available for the options.

Mr. Holmes asked if there was any possibility of revamping the existing plant to bring the water up to specs and Mr. Bruno said that was one of the alternatives to be looked at—the existing plant in combination with additional well supplies or purchasing some water. Mr. Holmes is intrigued with the privatization concept and Mr. Bruno explained that the least amount of tax benefits are available with water treatment plants as opposed to sewage, etc. so it hasn't been as interesting to investors.

Mr. Diana does not feel Wallingford should tap into the South Central Water Supply and he believes we should retain control of the town's water supply. If it were any other problem but water, he would be the first to spearhead a challenge to the state mandate. Because of the possible health hazards and potential lawsuits down the road, this problem must be dealt with. As costly as it would be, Mr. Diana would be in favor of a new plant.

Mr. Killen asked if the state mandate mentioned that there is no protection for the surface water and Mr. Bruno did not think it was included in written form. Mr. Killen asked why the state is pushing this matter now and Mr. Bruno said that the orders to provide corrective action were given in 1977 and we have taken time to make decisions. A water treatment was designed and has been submitted to the state and now they want to set a definite timetable to get this plant in operation. Mr. Killen feels that the town knows what is going on and they don't need the state looking over our shoulders.

Mrs. Bergamini asked if this matter was brought up before and Mr. Bruno has made the PUC aware of this matter. 2-1/2 years ago there was a state grant for design money and Wallingford applied for and received \$150,000.

Mr. Nunn pointed out there are three stages—feasibility, design and construction. Design stage is finished but not approved. Mrs. Bergamini felt that the town should fight for a grant from the state to go forward with the project. Many towns received money for design; Waterbury floated a \$30,000,000 bond issue to build their plant; Meriden has 3 water treatment plants; Middletown just finished one and is in the process of starting the second. New Haven is in the process of building water treatment plants; they built 3 and have 1 to go; New London is going to bid this spring.

Mr. Gessert asked what the plans cost for design and Mr. Bruno noted they cost \$425,000 completed by the firm of Anderson Nichols. Mr. Gessert recently noted in the PUC minutes a request for \$44,000 for a study to be performed by Anderson Nichols. The implication exists of their being construction engineers on a \$15,000,000 to \$20,000,000 sewage treatment plant and a 6% to 8% engineering fee is easily \$1,000,000 and Mr. Gessert feels Anderson Nichols would be the least biased source to review alternatives and he feels that someone should be sought for an independent analysis who doesn't have a stake in building a new sewage treatment plant. Mr. Bruno stated you will not get this analysis for \$44,000 from a new firm.

Mr. Killen felt that the state should make money available for the building of a treatment plant since they made money available for the design phase of one. Mayor Dickinson asked about the background data prepared by Anderson Nichols and Mr. Bruno noted the data belongs to the town and the Mayor wanted to know if that material could be made available able to another firm and Mr. Bruno said it could be made available but another firm will not take investigatory material and use it because they have to put their name on the line so they want to learn all over again.

Mr. Gessert felt there may be a certain bias with using Anderson Nichols and Mr. Bruno said there may be a certain bias but felt this was being a little negative and a few minutes ago the Council felt the expertise in town should be used and does the Council think the staff will stand by and let them make a decision without staff being convinced? Mr. Bruno would not let a plant be built without a basis for the decision. Mr. Smith agreed that this would have to be justified and substantiated.

Mr. Nunn advised the Council that the PUC has the ax over our head and the state is saying they want us to sign a consent order. The PUC is working with greatest haste to get all the answers but if the mandate comes down and says sign or we will take other action, the Commission has to make a decision. The PUC will take under advisement what the Chairman of the Council says but then the position of signing or not signing has to be made by the Commission and can in turn be handled by Council oversight. A recommendation will be made to the Mayor by the PUC. Mr. Nunn does not know what the timetable is but he believes it's close.

Mr. Gessert thanked the PUC and their staff for their input on this matter.

Mr. Krupp moved to establish A/C 1-111-002 Town Council Furniture, seconded by Mrs. Papale.

Vote: Unanimous ages with the exception of Messrs. Diana and Holmes who were not present for the vote; motion duly carried.

Mr. Krupp moved the transfer of \$1,999 from A/C 111-602 to A/C 111-002, seconded by Mrs. Bergamini. (WITHDRAWN BELOW)

Mrs. Bergamini does not approve of touching that account. When she asked to put that money in 111-602, I felt it should go for Switzerland and nothing else to research resource recovery. Mrs. Bergamini feels that 805-319 should be tapped for this since it is an emergency.

Mr. Krupp withdrew his motion and Mrs. Bergamini moved an appropriation of \$1,999 from 805-319 to A/C 111-002, Town Council furniture, seconded by Mrs. Papale.

Mr. Killen asked for backup documentation on this item which was given to him by the Town Clerk.

Mr. Gessert is replacing all 11 chairs at the Council table and some of the existing chairs will go to the fire department and some will be placed in storage and maybe used at the Police Department. Prices have been obtained and Mrs. Bergamini and Mr. Krupp requested a five leg chair on casters. She also suggested that just 9 chairs be replaced if there are not sufficient funds to replace all 11 and the other 2 can be replaced at a future date.

Vote: Unanimous ages with the exception of Messrs. Diana and - Holmes who were not present for the vote; motion duly carried.

Mr. Killen moved acceptance of the minutes of 2/19/85, seconded by Mr. Krupp; unanimously approved with the exception of Messrs. Diana and Holmes who were not present for the vote; motion duly carried.

Mr. Krupp moved acceptance of the minutes of 2/26/85, seconded by Mr. Rys; unanimously approved with the exception of Messrs. Diana and Holmes who were not present for the vote and Mr. Killen who passed; motion duly carried.

A motion to adjourn was duly made, seconded and carried and the meeting adjourned at 11:35 p.m.

Delores B. Fetta Substitute Secretary

Approved

David A. Gessert, Council Chairman

March 26, 1985

Rosemary A. Rascati, Town Clerk

March 26. 1985

Special Town Council Meeting

March 14, 1985

A special Town Council Meeting was held on Thursday, March 14, 1985 for discussion of the following items:

(1) Water treatment and water-recycling systems. Present were: Dr. Milos Krofta, President, Krofta Engineering Corporation, Mr. Craig C. Gaetani, Director of Marketing, Krofta Waters, Inc., 101 Yokun Avenue, Lenox, MA 01240 (Telephone (413) 637-0740/0743/0173).

Also present was Mayor Charles L. Smith of Pittsfield, MA.

(2) Landfill closure report presented by Donald W. Roe and Steven L. Deak.

Chairman Gessert called the meeting to order at 7:50 p.m. Present were Council members Bergamini, Gessert, Holmes, Killen, Papale, Polanski and Rys. Councilmen Diana and Krupp were not present for this meeting.

Mr. Gessert thanked Dr. Milos Krofta, Mr. Gaetani and Mayor Smith for making the trip to Wallingford to be present for this Council meeting to discuss this important issue and present their experience with the Krofta SANDFLOAT water treatment plant.

Mr. Craig Gaetani presented a slide program which is attached EXHIBIT A, PAGE 1 of 17 through PAGE 17 of 17 and explained the complete water filtration plant with backwash and solids removal.

The plant is designed for 1.2 million gallons per day and on July 19, 1985, the plant will have been on line with no difficulties whatsoever, meeting the standards it was required to meet, plus 80%. Exhibit A is the entire water filtration plant for 1.2 million gallons of water per day and it runs itself and is 22 feet in diameter from outside rim to outside rim.

Mr. Gaetani explained that what is critically important here is that the water that is exposed at any time has zero velocity and is quiescent. Sludge is driven to the surface by billions of micron sized bubbles. Water purges down through the sand and becomes crystal clean. The only waste to leave the plant is sludge and in a million gallon per day treatment plant, the rate of sludge flow is 2-1/2 gallons per minute.

All the equipment in the plant is very simple to run. This gives you an idea of why this water treatment plant costs only 1/3 of a conventional water treatment plant—the physical plant is only 1/5 the voluminous area of floor space needed for conventional plants due to the fact that the total retention in the plant itself is only about ten minutes.

Mr. Gaetani referred to EXHIBIT B, page 4 and explained the chart which refers to millions of gallons per day under flow.

Mr. Gaetani explained that an 8 foot unit can treat 160,000 gallons per day and a 62 foot unit can treat 9.61 million gallons per day. A 40 foot unit would require a building 100 feet long by 50 feet wide in size.

The town of Lenox, MA was told it would cost \$1,875,000 to build a conventional plant and this plant was built for less than \$350,000. This unit was fully tested under the auspices of the Massachusetts Department of Environmental Quality Engineering and by the New York State Department of Health and it has won full approval under the most rigorous test and it did pass.

A figure of \$28,000,000 to \$32,000,000 was determined for a conventional treatment plant for Pittsfield, MA and Krofta undertook a 4 month test in Pittsfield at a cost of \$50,000 and submitted all their information to the engineers of Pittsfield who failed to inform the Mayor of this information. Krofta approached the Mayor and the Mayor investigated the system himself.

Mr. Gaetani introduced Mayor Charles L. Smith of Pittsfield, MA who commented on the cleanliness of Wallingford and Mr. Gessert noted that Mr. Deak, Director of Public Works, was present in the audience and he was the man responsible for the clean appearance of the streets in Wallingford.

Mayor Smith commented that he spent six years on the City Council in Pittsfield and has been Mayor for the past six years. The water problems began in Pittsfield in the early 1970's and about a million dollars a year was being spent on pipe cleaning. The main problem was that the chlorine was being eaten up before reaching the western part of the city which was furthest away from the reservoir and the water in that area was not fit to

Mayor Smith noted that Pittsfield had engaged the services of a consulting engineering firm since 1927 which he preferred not to name and this firm suggested a conventional water treatment system which the city council voted to approve and the contract was for about \$1,700,000 to begin building a treatment plant with a price tag of about \$30,000,000 to \$40,000,000.

Dr. Krofta invited Mayor Smith and his consulting engineers to view the Krofta water treatment system and the engineers preferred a conventional system. At this point, Mayor Smith spent \$60,000 to \$70,000 and hired CEM which is a Connecticut based consulting engineering firm and obtained an objective feasibility study of the Krofta system and CEM indicated that Krofta was indeed a very worthy system which should be looked at. Mayor Smith welcomed the Walling ford Town Council to all information he had for the study performed for Pittsfield for which they had paid a considerable sum of money. Mayor Smith will be happy to make these documents available to the town of Wallingford for their information.

Mayor Smith then hired the firm of O'Brien & Geer from New York State for another objective study and he deliberately selected firms outside of the State of Massachusetts for totally objective studies.

The end result was that Dr. Krofta came in and offered Pittsfield a plant for about \$5,000,000. This system was put through the most rigorous testing and it survived DEQE in the State of Massachusetts. Had a conventional system been installed, an additional 14 people would have to be hired, possibly even 20 who would have to be on board 7 days per week around the clock to run the plant.

The Krofta system has an alarm which is triggered into the sewer treatment plant 24 hours a day in the event of any problem and there is enough capacity to allow for necessary repairs. The Krofta system may look complex but in reality is very simple and in fact provides a Cadillac for the price of a Volkswagen.

Mayor Smith again offered the town of Wallingford and the Wallingford Department of Utilities all the documentation Pittsfield obtained during a three year study, free of charge, and suggested that Wallingford have a consultant review such documents and felt they would be as impressed. Mr. Cessert thanked Mayor Smith for this very generous offer.

Mr. Gessert asked if any additional personnel would be required to monitor the water treatment facility and Mayor Smith indicated that existing personnel in the sewer treatment facility would be trained and no additional people will be hired.

Mayor Dickinson asked what the nature of the problem was with the water in Pittsfield and Mr. Gaetani indicated that the predominant problem was turbidity in color. One of the problems is caused by leaf matter which falls into the reservoirs in the fall and when this matter comes in contact with chlorine, it forms 1 of 21 known compositions of trihalomethane.

Mayor Dickinson asked if the pipe cleaning was being continued and Mayor Smith indicated most of the larger mains in the distribution system were cleaned and relined. Pittsfield has a significant pressure problem in the western part of the city and this is being equalized to obtain an average of about 85 pounds anywhere in the city.

Mr. Gaetani introduced Dr. Milos Krofta who is a professional engineer and a Ph.D. in chemistry. Dr. Krofta indicated that the cost breakdown of a treatment plant is 50% investment, 30% labor and 20% miscellaneous small items. The town of Lenox, MA treats 250 million gallons of water per year and the original cost was \$1.10 per thousand gallons. Rental of equipment is \$30,000 per year and chemicals \$40,000.

Mr. Gaetani indicated that water treatment is very comprehensible and the Krofta system can do everything that a conventional treatment plant can do and with a Krofta system, predisinfection is not necessary. Regulatory standards in the State of Connecticut are no difficulty with this system whatsoever.

Mr. Gaetani emphasized that the standards for the State of Connecticut will be met and exceeded by about 80%. He invited officials of the town of Wallingford to view the plant first hand and become involved directly with the manufacturer of the equipment and the probable savings to Wallingford would be around \$7,000,000 to \$8,000,000. A model of exactly how the unit looks was on display and Mr. Gaetani thanked Mr. Gessert for the opportunity to make this presentation this evening.

Mr. Killen said he was very impressed by the Krofta system and was just as impressed by Mayor Smith who seems to know his city very well.

Mr. Costello asked how long a Krofta unit has been in operation and Mr. Gaetani indicated that the unit in Lenox will be in operation 3 years in July, 1985. DEQF put together a blue ribbon task force to put the unit through testing. Mr. Costello asked what material the unit would be constructed with and Mr. Gaetani said that the customer would select the material but reinforced concrete is an excellent construction at one-third of the cost of a conventional plant.

Mr. Raymond Smith asked about the projected life of the Krofta system and Mr. Gaetani indicated that the average life is about 30 years and at that time the unit would be obsolete. There have been no associated costs for maintenance on the Lenox plant in the 3 years it has been on line except for a propeller which ground out in a pump which pulls the debris from the sand. The motor was pulled out but the plant still was functional because it was between the backwash stage and the motor was changed in about 45 minutes. Other than very small things like a sweated pipe joint coming apart which required resoldering, there is no other significant maintenance associated with this plant. Mr. Allen Sykes, Superintendent of the Department of Public Works in Lenox, MA and his two men are responsible for this plant and he can be reached at (413) 637-0815 if any information about the plant's operation is requested.

Mr. Gaetani explained that as individual cells are being cleaned, it makes its rotation, and there is never a period of time when the whole unit is being cleaned all at one time. This particular plant operates as a faucet—it can go from 10% of its flow capacity to full capacity flow within about 2 minutes, automatically, very, very quickly and there is no need for huge storage basins which also add to the cost of conventional systems.

Mr. Gaetani suggested that officials from Wallingford come to Lenox for a demonstration of the Lenox Institute for Research, the analytical laboratory and view an operating plant and make a decision based upon the observations.

Mr. Holmes felt that based upon the presentation this evening, an effort should be made by officials to make a trip to Lenox, Massachusetts and Mr. Gessert agreed this should be done.

Attached as Exhibit C is a list of references for the KROFTA system dated October, 1983, page 1 of 14 through page 14 of 14.

Mr. Nunn asked what the number of gallons per day required to be treated was estimated in the planning stage of the Pittsfield plant and Mr. Gaetani indicated that the original plant for \$30,000,000 would accommodate 25 million gallons. The Krofta plant proposal is a total of 37.5 million gallons.

Mr. Nunn asked what type of installation will be used and Mr. Gaetani explained that the amount of units sized to be installed in led is only 1/2 the number of units that will be installed in Pittsfield because there is a redundency requirement in Massachusetts. You must have backup for what you have operating in the event of a breakdown. They have shown that 100% backup can be provided for only 1/3 the cost of a conventional treatment plant.

Dr. Krofta noted that the Pittsfield plant cost \$5,200,000 and in Wallingford, the cost would be about \$1,500,000 in Krofta equipment and to this, the cost of the building, piping, etc. must be added. Instead of a \$9,700,000 conventional plant, the Krofta system can be built for about \$2,500,000 with the best type of construction but to lower the cost, you could choose a less expensive construction design.

Mr. Gaetani noted that the total cost for the filtration plant, buildings and everything, is \$9,700,000, of which \$5,200,000 is Krofta equipment. The comparison cost is \$30,000,000 for a conventional plant vs. \$9,700,000 for a Krofta system with an even higher capacity. Mr. Gaetani is confident that whatever the conventional treatment plant cost is, the Krofta system can be built for about one-third of that cost.

Mr. Gessert thanked Dr. Krofta, Mr. Gaetani and Mayor Smith for this informative session and felt that the Council was much better informed about the Krofta system and hoped that the Wallingford Public Utilities Commission would be in touch with Mr. Gaetani in the near future.

Mr. Gessert suggested a ten minute recess before the second half of the meeting and the Council took a brief recess at 9:10 p.m.

Mr. Donald W. Roe began a presentation of item 2 on tonight's agenda, LANDFILL CLOSURE REPORT which follows.

In the fall of 1984, preparation of the development of materials that led to the development of the report which was submitted to the Town Council. Basically, Mr. Roe was trying to put together a data base on which the Town Council could make some decisions about how to deal with the landfill over the next period of time, perhaps as long as 5 years, perhaps longer if the town does not go to resource recovery.

The data base developed examines these things--revenues and expenditures, both in terms of current fiscal year and projected into the future. We examined the volume of refuse received and projected capacities of the landfill based on yearly to mage. Several operational practices were examined that need some attention and some change has been recommended.

Mr. Roe also included within the report some brief material to update the Council on several projects including the resource recovery project which is moving along. Also included is the fact that the methane ditch is completed and the testing done during the deep freeze during the winter showed success—there is no methane at the dog pound or in the building across the street.

The third item summarized is the metal hydroxide closure project which is staring Wallingford in the face this coming summer.

The findings were a little surprising in some regards. Looking at costs, it became pretty clear that our current projected costs exceed revenues and we are looking at costs in excess of \$20 a ton, in easily documented costs, as the report says. Not factored in are many other costs that could be attributed to the tonnage fee. Everything that ranges from administrative time that is put in to actual payroll items like fringe benefits to such things as recovery of fill. We worked just with the easily identified costs and just at that, came up with costs of \$20 per ton that it takes Wallingford to deal with the garbage or will take to deal with the garbage. We found that we are receiving more tonnage than expected and are receiving approximately 38,000 tons per year. Given that kind of tonnage, we project that we have somewhere between 7 and 9 years of capacity left in terms of the current site and the 2 parts of the expansion site.

Based on those findings, we were led to a series of recommendations, some of which you have and some of which we are still working on. The letter from the Mayor dated March 11, 1985 summarizes the rec-

ommendations which include a change in tip tee, a change in hours that the landfill would be available for commercial and public disposal to increase efficiency and more faithfully utilize the cell method. It encourages us to reject materials that have traces of toxic elements in them.

Also proposed is a special fee for tires that would allow us to have the funding to offset the shredding of them in order to dispose of them properly.

Finally, there has been some confusion about personal vehicles and we are suggesting that these be limited to cars, pickup trucks, vans and the trailers that those types of vehicles can pull. What that would eliminate is dump trucks which people are claiming to be using for the hauling of personal garbage.

Attached to Mayor Dickinson's letter of 3/11/85 is a projection of expenditures and revenues which the revenues computed at a suggested tip fee of \$16 to give you an idea of how that would play out.

Also anticipated was submission of drafts of the resolution and the language of the resolution dealing with the fees is still being worked on. The resolution with regard to HOUPS OF OPERATION is included. These documents are attached as EXHIBIT E, page 1 of 7 through page 7 of 7.

Mayor Dickinson pointed out that this report constituted a great deal of hard work on the part of Don Roe and Steve Deak and felt that the town officials should be very proud of this fine effort. The Mayor also pointed out the extensive maps drawn by Engineering and the fine job done by John Costello.

Mr. Roe pointed out the southern and western expansion area and the metal hydroxide site on the map; the most northern piece is the regulated site and the older, unregulated site is the product of the former industrial treatment plant.

Mrs. Papale was concerned about the fact that Wallingford was charging a very low dump fee in comparison to surrounding towns. Mr. Roe mentioned that there are communities charging \$30, \$40 and \$50 per ton in comparison to Wallingford's \$8 per ton.

Mayor Dickinson indicated that the purpose of this report was to give the town an idea of what the future holds and as the result of Mr. Costello's engineering study, you are talking 7 to 9 years but, over that period of time, we are really looking to close the landfill and those costs are included in this report. Regardless of what the scenario was over past years, there is an ability now to get a firm grasp of what the town faces in costs and even with the increase in the tipping fee as you can see in the pictures, we are not going to come up with a cost but hopefully it will enable the town to come up with a finance cost for funding the necessity of cover and other improvements in order to meet the state regulations. Even with the increase, the town is not making any profit.

Mr. Rys asked about the progress of the closure of the metal hydroxide site which was brought before the Council in May, 1984. Mr. Roe said the town was required by DEP to prepare a closure plan which has been submitted and is a Part B Permit under RECRA. The state has not yet given Wallingford a permit but the state has indicated that the document is in order; the one part that is still open had to do with the fact that when you run a hazardous waste site, you have to provide financial assurances for a 30 year period of time after closure and several methods are given by which you can provide that. The method that the town wanted to be eligible for was a financial means test—if a company is worth enough, then the federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok. For some reasons, munithe federal government will say it's ok.

(1) A resolution must be passed which decrees an annual budgetary allotment will be made that is equivalent to twice the most recent annual post closure cost estimate.

(2) A letter signed by the chief executive officer must be submitted which verifies that the funds have been budgeted to cover the cost of the first two years of post-closure care.

Mr. Roe explained that basically we would be dealing with the metal hydroxide project and the financing of that and dealing with this financial test in the budgetary process for the next fiscal year.

Mayor Dickinson emphasized that Don Roe has just gone over something that shows some real planning on the part of the people involved here. We were faced with having to supply a bond as a private company, an insurance bond at a cost of \$50,000 a year, under the EPA regulations. A meeting was planned and Don was instrumental in getting together some other communities who were facing this exact same situation. The Mayor and Don Roe took a trip up to DEP, met with Stanley Pac, got DEP interested and they contacted EPA and it appears that Wallingford has gotten to the point that a yearly figure in the budget will be accepted of say \$10,000 instead of \$50,000 a year. That is a significant step forward and the Mayor wanted the Council aware of the fact that these people and Phil Hamel were responsible for the kind of work that has been done and Mayor Dickinson cannot overstate the credit that should be given.

Mr. Rys read the report submitted very thoroughly and felt that \$16 per ton for a dump fee was a very conservative figure after looking at the average of 12 towns indicated in the report. Mr. Rys felt that after a review of all considerations, it was costing the town of Wallingford \$25 per ton.

Mr. Roe mentioned that some communities operate landfills as enterprise funds and they pay for themselves. Wallingford did consider that aspect but hopes they are in the winter years of running the landfill and if a move were made in that direction, it would take 2-1/2 to 3 years to bring that into reality. It is hoped that Wallingford will only be in the business for another 3 years and it would be to the town's advantage to get out from under it as soon as possible. It is impossible to project what the long term liabilities are going to be.

Mr. Polanski referred to Exhibit E, page 2, and asked where the fee of \$150 per ton for waste tires was obtained. Mr. Roe stated the town wanted to set a fee which was no less than where tires are currently being taken and in addition, the cost of shredding was added on to that.

Mr. Polanski asked what is being done to keep persons from surrounding towns from dumping their trash in Wallingford. Mr. Deak said that Wallingford residents will be required to display a sticker.

Mr. Gessert asked what the figure per ton would be if all associated costs were factored into the current \$20 figure. Mr. Roe projected that if all other costs attributable to the landfill were factored in with the exception of fill and insurance costs or daily cover, the cost would be approximately \$25. In the context of the Community Lake project, because of the fact that Wallingford may only be in the business of recovering fill from there for 2 or 3 more years, where does that leave us vis-vis the development of the Community Lake?

Mr. Roe explained that taking the fill from Community Lake is two projects being accomplished simultaneously--cover is being obtained but the lake is also being dredged so the cost of fill should probably be distributed between those two. That issue will be looked at along with some of the options for the Community Lake project.

Mr. Gessert pointed out that if and when CRRA or ORFA are engaged to dispose of Wallingford's refuse, their projected cost is \$25 per ton. What will the savings be to the town directly attributable to that operation? Mr. Roe referred to Exhibit E, page 6, 1989-1990 budget which shows projected expenditures of \$129,000 and projected revenues of \$35,000. Mr. Roe did not go beyond 1990 because it was felt that would be representative of the future.

Mr. Gessert asked if the ash or other solid material could be used as cover material if it were noncontaminatory material. Mr. Costello felt that at that point in time the landfill would be essentially closed and covered with grass and to cover it with ash, the grass would be killed so another place would have to be found. Maybe the ash from the resource recovery would end up in the Meriden

landfill because they have a lot of volume. Mr. Gessert felt that 38,000 tons of refuse per year may produce 3,000 tons of ash but Mr. Roe felt it would be more than that because essentially resource recovery is a volume reduction plant. Mr. Costello pointed out that there would be more towns participating in resource recovery so the volume would in fact be higher. Mr. Gessert felt that using some of the by-product of resource recovery may be a legitimate way of keeping some of the costs down and Mr. Roe felt this matter could certainly be investigated. Mayor Dickinson felt that a problem may exist with the timing factor involved and he does not know how much time the state would allow to generate the ash to substitute it for soil.
Mr. Killen asked if the -0- tipping fee for Branford was correct and Mr. Roe said he had not verified this but assumes it is correct. Mayor Dickinson indicated that Branford is actively involved in COG, Council on Governments, with New Haven and some other areas and they are definitely interested in resource recovery.

Mr. Killen mentioned that the figure for the process of removing the fill from Community Lake is not included and asked what it might be. Mr. Roe is not sure those figures are on hand right now but it has been decided to study the fill issue and the data base with that in context with the Community Lake project and pase with that in context with the Community Lake project and looking at how much longer we are going to be doing recovery of fill there and where that project will be left. This has not yet been factored out. Basically, according to Mr. Roe, they tried to put together a data base that was the easiest data to get together and consequently, there are some elements to the data base that are not there, some of the cost factors. Basically, the costs that are documentable got to the \$20 figure and if some of the other costs, attributable to the landfill are factored out, it will only raise that per ton cost. Mr. Killen said that one of these days something must be done about Community Lake and one of the figures that is very must be done about Community Lake and one of the figures that is very important is what it is costing us now and Mr. Killen has raised this cuestion time and time again--do we know whether we are making or losing money by having it done this way or by hiring a private contractor? Mayor Dickinson explained that the first step in that process is to receive a permit from the State of Connecticut to expand our area of excavation and the Engineering Office is working on that. We have a permit for two ponds; the middle of last year we had the permit for the second pond area which we are working on now. What we need to do is get a permit for the rest of that lake area and John Costello is working on that now. At the point we have that area mapped and know what the dimensions are and what depth we can go down to, then we can ask for figures for marine dredging or whatever for costs and do it on a step by step logical basis.
Right now, without the figures from Mr. Costello, Mayor Dickinson
does not feel the town could realistically talk with anyone in the private sector about doing the work since we don't have any figures to give them about how much we want them to do. Mr. Gessert felt that Mr. Killen's point was well taken since he has been asking that question for a couple of years himself. It is possible to it may be less expensive to hire an outside contractor to haul It is possible that fill but if we don't know what the cost is of doing our own hauling, we really don't know when you figure the manpower and the rental of equipment, etc. We should be able to have some measure of how many yards were taken out and Mr. Deak indicated that 222,000 yards were removed from the west side.

Mr. Killen stated that ironically now we are talking in terms of closing the landfill in 1990 but 23 years ago, the first study was made on doing something on Community Lake and we still haven't done anything on Community Lake.

Mr. Roe agreed this is a significant piece of data which has not yet been broken out. The fill has been considered not so much in terms of the landfill but in terms of Community Lake because, ideally, we are only going to be in the landfill business another couple of years. You must consider we have been in the landfill business for about 50 years.

Mrs. Bergamini pointed out that there is a firm which will accept tires which it uses to create steam for a tobacco factory. Mr. Killen asked if the ash could be used in any way rather than just piled and Mr. Roe was not aware of the answer to that. Mr. Gessert pointed out that many of the by-products from the ORFA plant could be used as an aggregate for concrete because it was pretty much inert matter. Mr. Killen felt that ways to utilize the by products should be investigated. Mr. Roe mentioned that Phil Hamel is investigating the resource recovery matter and in the near future you will receive an update for the contract and discussions will begin and

provide an opportunity for looking at the proposal that VICOM is making and what that plant can and can't do.

Mr. Roe felt that this evening's discussion should be limited to landfill.

Mr. Polanski asked what the cost per hour is to run a Public Works truck and what the cost is to hire a private contractor to plow snow. Mr. Deak felt that the cost of a private contract is about \$50 per hour. To obtain such a figure, the average hourly pay rate and cost of equipment must be considered.

Mayor Dickinson indicated that no votes were being requested from the Town Council this evening and the resolution regarding Hours of Operation of the landfill will be revised and will go on an agenda in the near future.

There was some discussion about CRRA and ORFA and resource recovery and Mayor Dickinson asked the Council if they would like a report from Phil Hamel who is involved in these negotiations and Mr. Roe explained that the only thing that has changed is that we are talking about a 420 ton plant at a cost of about \$26,000,000 and we are still working with the 5 towns.

Mr. Killen thanked Mr. Deak, Mr. Costello and Mr. Roe for renewing his faith in the expertise of the town.

A motion was duly made, seconded and carried and the meeting adjourned at 10:25 p.m.

Delores B. Fetta Substitute Secretary

Approved

David A. Gessert, Council Chairman

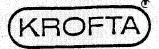
Kropta Engineering Corporation

March 26, 1985

Date

Exhibit A Town Council Minutes
Page 1 of 17 March 14, 1985

rapermill Equipment Effluent Clarification



병상 중에 나왔다고 그 그는 회록 말이다.

LENOX, Massachusetts 01240 101 Yokun Avenue Phone: (413) 637 · 0740 Cable: Krofta · Lenox Telex: 92-6443 krofta leno

SANDFLOAT

The Town of Lenox, Massachusetts, 5000 inhabitants (summer population 10,000 during the Boston Symphony Orchestra Festival in Tanglewood) had continuous problems with high turbidity of drinking water. The Lenox water supply comes from two surface reservoirs. However, after chlorination for disinfection the turbidity remained and was especially high in the spring and after heavy rains. The Lenox population considered the water undrinkable. In some sections of the town the heavy turbidity caused damage when used for household washing.

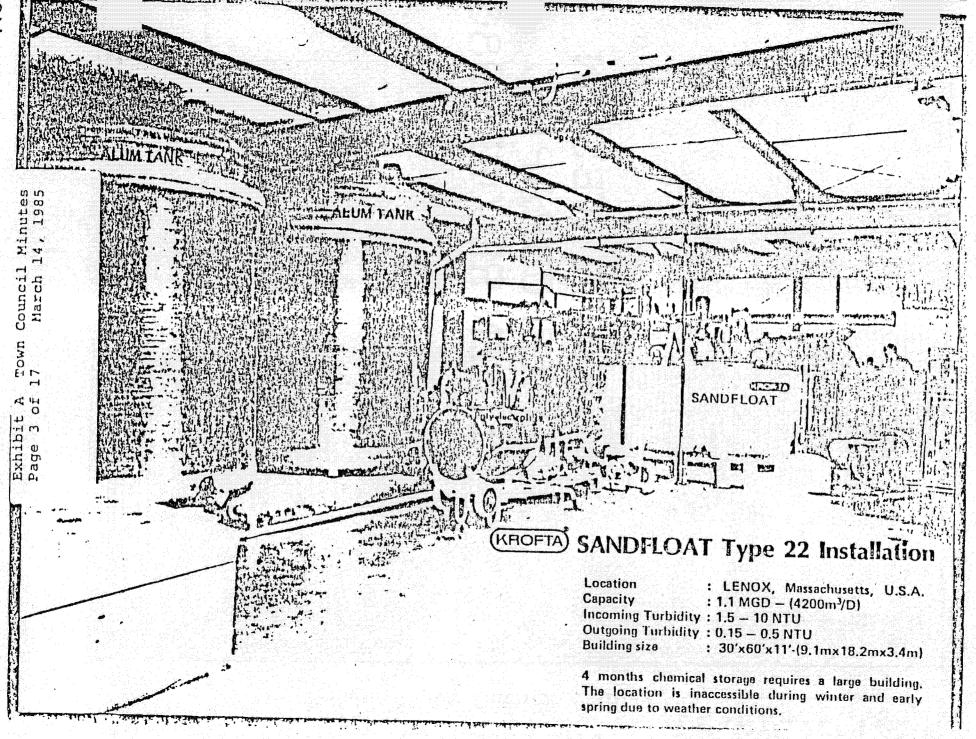
Dr. Milos Krofta, has been a resident of Lenox for thirty years, and a specialist in flotation and waste water clarification. As President of Krofta Engineering Corporation with headquarters in Lenox, he submitted a proposal to the Town for a trial installation of a new, advanced-design water treatment plant (SANDFLOAT) which would be entirely financed by his company.

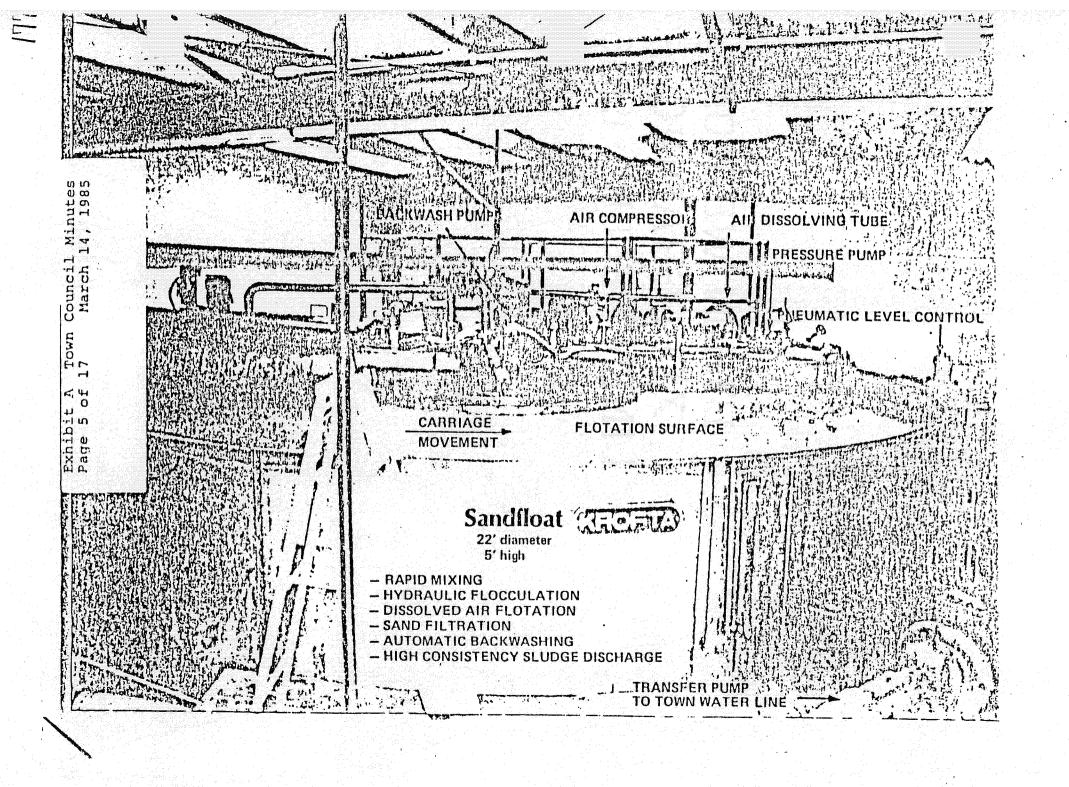
The Lenox Town Selectmen accepted his offer and the water treatment plant has been built using the Krofta proprietory SANDFLOAT Design. The plant was put into operation July, 1982, and will be operated for a six month period using Krofta personnel at Krofta's expense. For the next six month period, the Town of Lenox will operate the unit. After this time period the Town will decide on whether or not to purchase the plant. The expected price is set at approximately \$300,000. for a 1 MGD (one million gallon per day) capacity. The price for a conventional water treatment plant of the same capacity is over \$1,000,000.

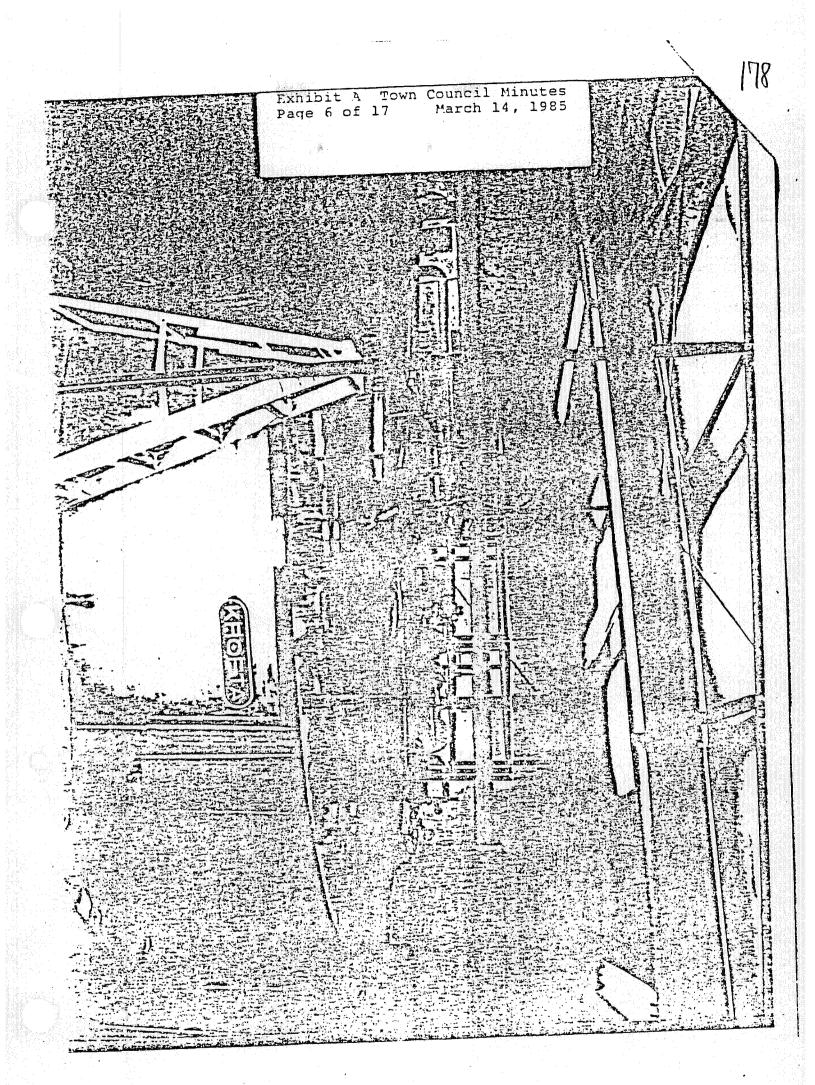
The water quality treated by the SANDFLOAT is continuously monitored by the Health Department's laboratory and supervised by the State Department of Environmental Quality Engineering. Results have been excellent. The turbidity is way below the specified 1.0 NTU (Normal Turbidity Units) and the color is zero. The amount of chlorine used for chlorination has been reduced by half.

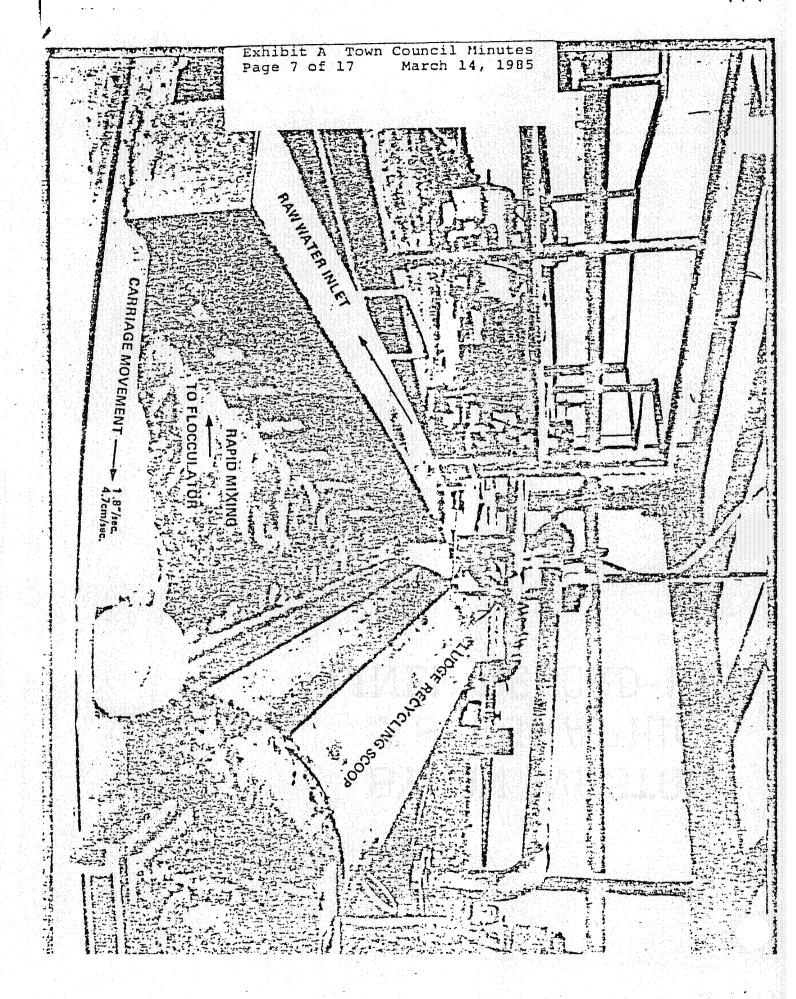
The Krofta SANDFLOAT has obtained a 5 star award for "Best New Development for Potable Water Treatment", by Pollution Engineering Magazine and is being considered for the Gold Medal Award by the World Filtration Congress III.

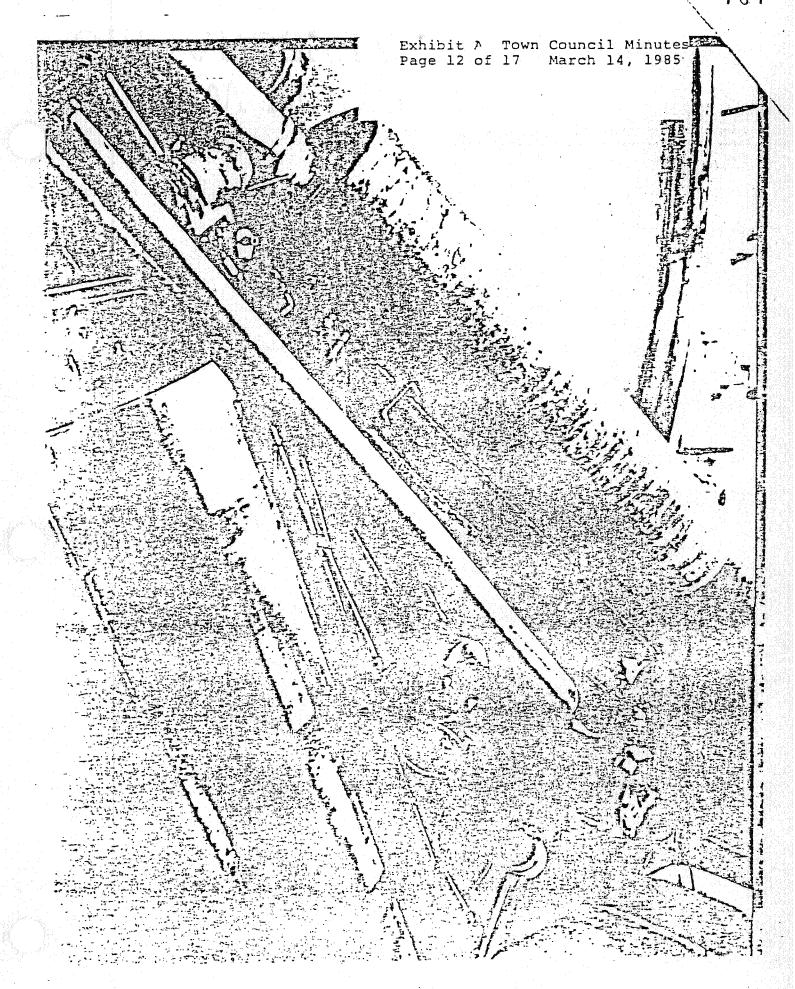
SANDFLOAT Potable Water Flotation Clarifier

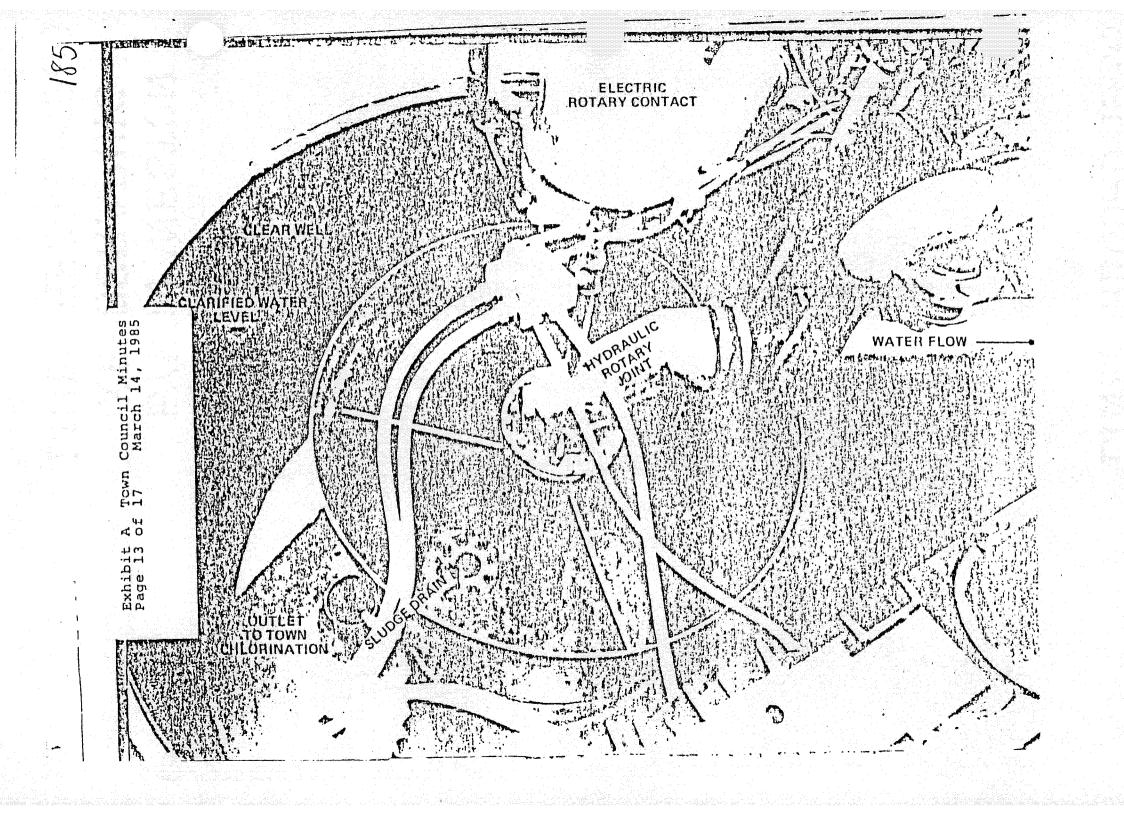


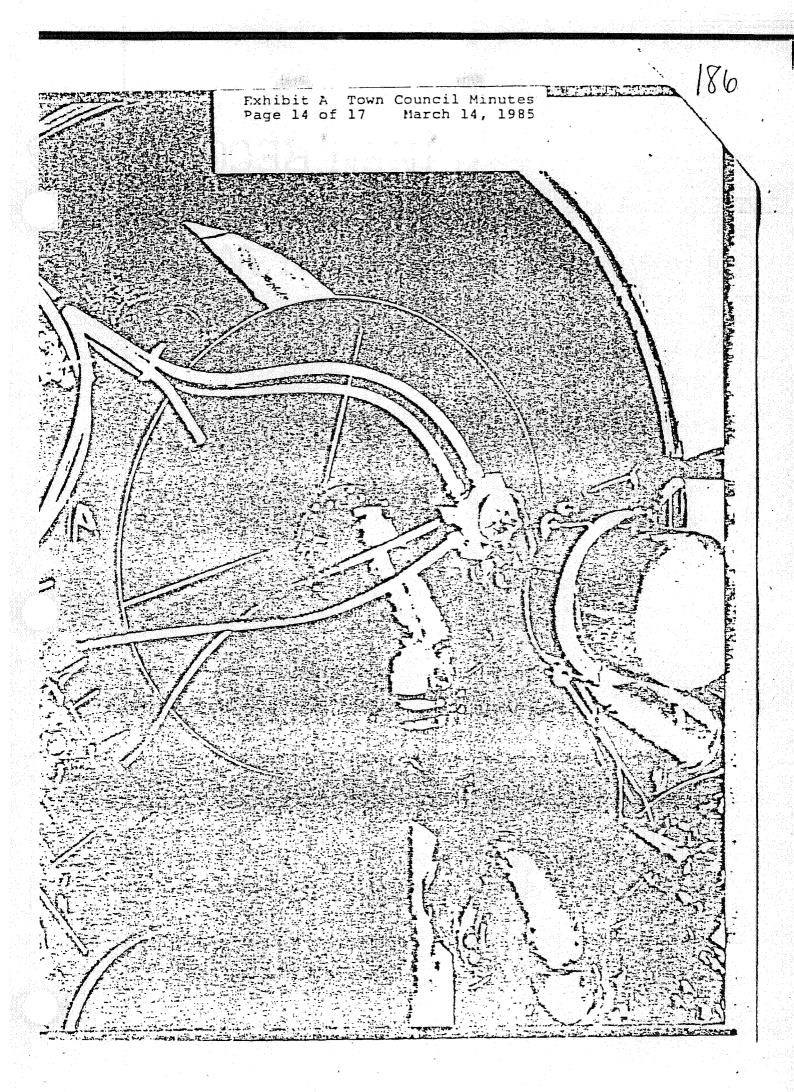


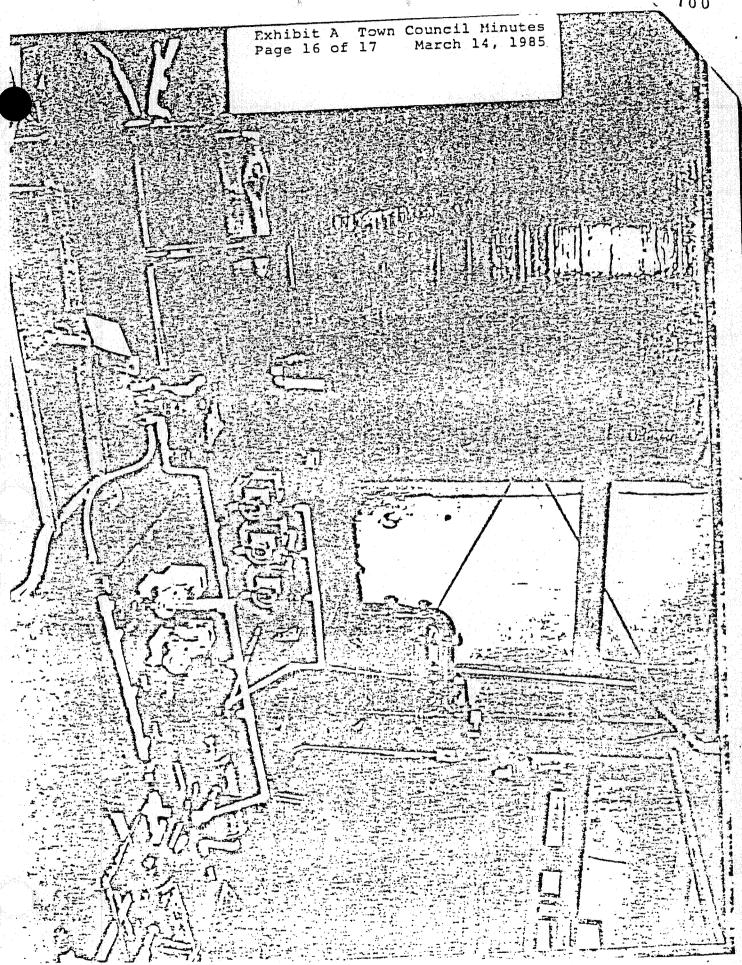














Sandfloat Type 22

(US and foreign patents pending)

Bulletin 8204 E

Council Ninutes March 14, 1985 Exhibit Page 17

KROFTA ENGINEERING CORPORATION

101 Yokun Avenue LENOX, Ma. 01240

USA

Tel. (413) 637-0740 Telex krotta 92-6443



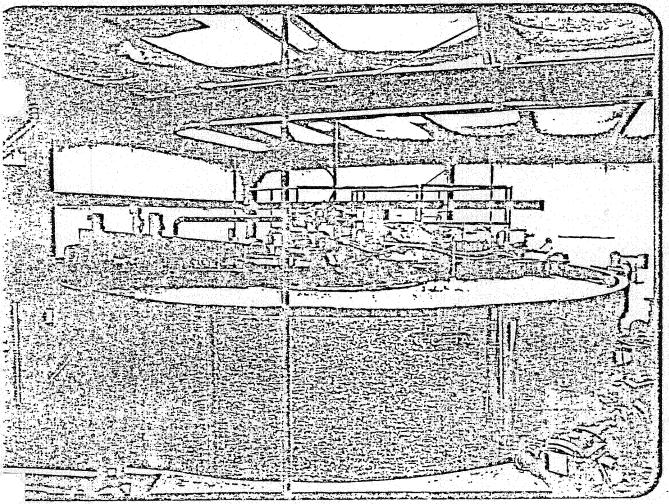


Bulletin 8302 · E

SANDFLOAT

cculation-Dissolved Air Flotation-Sandfiltration)

Combined in one COMPACT CLARIFIER Producing drinking water of highest purity.



SANDFLOAT SAF 22, LENOX, Ma.USA

Exhibit B Town Council Minutes Page 2 of 4 March 14, 1985

GENERAL

The KROFTA SANDFLOAT (USA & foreign Patents applied for) is an advanced clarification system, using combined Chemical Flocculation, Dissolved Air Flotation and Rapid Sand Filtration in one unit.

The unique compact and efficient design is made possible by the use of the principle of "zero" velocity eliminating internal turbulence.

ADVANTAGES

Lowest installation cost compared with existing water treatment plant with the same high grade performance.

Compact construction incorporates flocculation, dissolved air flotation and sand filtration in one unit.

Dissolved air flotation with 10 minutes retention time replaces sedimentation with retention time of several hours.

Housing cost is reduced and land requirement limited.

Immediate changes from zero to full flow in few minutes. No clearwell storage required. The raw water reservoir is the storage when suddenly an increase is required.

Very dirty raw water can be fully clarified with chemical flocculation, dissolved air flotation and sand filtration.

Sandfilter Euckwash is made during the operation by backwashing individual sandbed sections and immediately recycling the dirty backwash water back to the inlet of the flocculator for immediate recycling. Sandbed washwater and washwater tanks are eliminated.

Sludge is discharged at high consistency of 0.5 - 1.0 % allowing for easy additional implant thickening to 2 - 3% with a small additional dissolved air flotation thickener and Filterpress producing disposable siudge of 15 - 30 % dryness.

APPLICATIONS

DRINKING WATER production from surface reservoirs, lakes or rivers —

reduction of turbidity below required standards reduction of color

reduction of THM precursors

reduction of other materials by adequate chemical flocculation

DRINKING WATER production from groundwater – elimination of hardness elimination of other pollutants

PHOSPHORUS REMOVAL from final municipal effluents for final stage clarification

OILY WATER CLARIFICATION by simultaneous elimination of suspended solids elimination of turbidity \
elimination of color

LAKE RESTORATION by recycling lake water through floating SANDFLOAT installation

AUTOMATIC CONTROLS

The operation of the SANDFLOAT is completely automatic.

The outlet is connected to the distribution piping system and varying demand is automatically adjusted by the inlet flow regulating valve which maintains a constant level in the flotation tank.

The Backwashing system is automatically operated by a clearwell level control and a timer.

The SANDFLOAT Installation is equipped with an Alarm System that transmits a beeper signal via telephone and radio to an on call maintenance man. There is no around the clock on site assistance or servicing required. Normally one person visits the SANDFLOAT installation once a day for approx. I hour to perform water tests and inspection.

SECTION

Exhibit-B Town Council Minutes
Fage 3 of 4 March 14, 1985

P S

A - RAW WATER INLET

B - HYDRAULIC JOINT

C - INLET DISTRIBUTOR

D - RAPID MIXING

E - MOVING SECTION

F - STATIC HYDRAULIC FLOCCULATOR

G - AIR DISSOLVING TUBE

H - BACKWASH PUMPS

I - SPIRAL SCOOP

J - FLOTATION TANK
K - DISSOLVED AIR ADDITION

L - BOTTOM CARRIAGE

M - PRESSURE PUMP

N - AIR COMPRESSOR

O - CENTER SLUDGE COLLECTOR

P _ SLUDGE OUTLET

Q - CHEMICAL ADDITION

R - SAND FILTER BEDS

S - INDIVIDUAL CLEAR WELLS T - CENTER CLEAR WELL

U - CLEAR EFFLUENT DUTLET

V - TRAVELING HOOD

BACKWASHING

For backwashing of the sandbeds two pumps (H) ride on the carriage. One pump is in the center clearwell taking clear water and pumping it during the backwash cycle back into the individual clearwell (S) compartments backwashing the sand that is fluidized. The dirty backwash water is collected with a traveling hood (V), where the second backwash pump (H), collects the dirty water and discharges it into the rapid mix inlet section (D), for repeated flotation. The backwash water is immediately recycled and backwash dirt removed by flotation to the water surface.

DESCRIPTION OF THE SANDFLOAT

The influent raw water or waste water enters the inlet at the center near the bottom (A) and flows through a hydraulic rotary joint (B) and an inlet distributor (C) into the rapid mixing section (D) of the slowly moving carriage. The entire moving carriage consists of rapid mixer, (D), hydraulic static floculator (F), air dissolving tube (G), backwash pumps (H) and sludge discharging spiral scoop (I) To flock out colloids and suspended solids, alum is added at (Q) at the inlet (A). For additional improvement of floculation, polyelectrolytes can be added at the same inlet (A).

From the rapid mixing section (D), the water enters the hydraulic static flocculator (F) gradually building up the flocks by gentle mixing during the passage through the flocculator. The flocculated water moves from the flocculator into the flotation tank (J) clockwise with the same velocity as the entire carriage (E), including flocculator (F) which moves counter-clockwise simultaneously. The outgoing flocculator effluent velocity is compensated by the opposite velocity of the moving carriage, resulting in a "zero" horizontal velocity of the flotation tank influent. The flocculated water thus stands still in the flotation tank with minimum turbulence for optimum clarification.

At the outlet of the flocculator on the carriage, pressurized water with dissolved air is added (D). At the bottom of the carriage (L) a small volume of the water preclarified by dissolved air flotation is taken by a pressure pump (M) that feeds an Air Dissolving Tube (G) where compressed air is added from a separate compressor (N) riding with the pressure nump, and Air Dissolving Tube (G) on the carriage Air is dissolved under pressure in the water and mixed with the flocculated raw water at the outlet of the flocculator.

The flocks and suspended solids are floated to the water surface. The floating scum or sludge accumulated on the water surface is scooped off by a sludge discharging spiral scoop (I) and discharged into the center cludge collector (O), where there is a sludge outlet (P) to an appropriate sludge treatment facility.

The bottom of the SANDFLOAT is composed of multiple tections of sand filter beds (R) with individual clear wells (S) below them. The outlets from the individual clearwells discharge into a center clearwell (T) where there is an outlet for the SANDFLOAT clear effluent (U).





The SANDFLOAT is normally built with in-ternal parts in stainless steel or marine grade aiuminum and the outside tank for large in-stallations is concrete or tile.

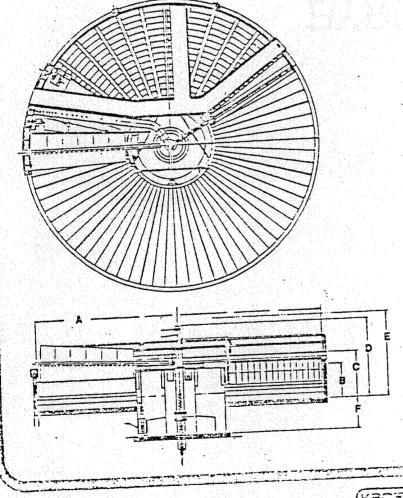
Page 4 of 4

Exhibit B Town Council Minutes

March 14, 1985

Static-hydraulic FLOCCULATOR

Sizes - Capacities



T	YPE	TO THE	FI	_aw	
â l	AØ mm	US MGD	US GPM	m ³ /mın.	m³/h
8 1	Z400	0.16	110	0.42	25.2
10	2200	0.25	174	0.66	29.6
12	3900	C.36	250	0.95	57.0
15	4500	0.56	390	1.48	88.8
18	5500	0.81	562	2.14	128.4
20 I	6100	1.00	694	2.64	158.4
22	6700	1.21	840	3.19	191 4
24	7200	1.44	1 000	3,80	228.0
27	5100	1.82	1270	4.81	288.6
30	9000	2.25	1560	5.93	355.8
33 T	10000	2.72	1890	7.18	430.8
26	1:500	3.24	2250	1 6.55	513.0
40	7.2220	4.00	2730	10.55	E33.0
44	12400	4.84	2060	12.77	756.
49	14800	6.00	4170	15.83	949.
55	16800	7.56	5250	19.95	1197.
62	18800	9.61	6570	25.35	1521.

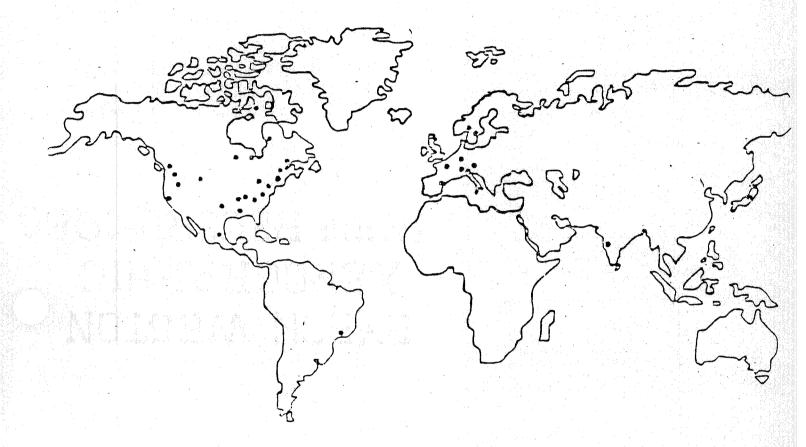
INSIDE TANK DIAMETER 6'-0" - 1830 mm 8'-0" - 2440 mm - HEIGHT OF TANK 8 OI CARRIAGE WALKWAY 13:-4" - 4060 mm " MAX. of EQUIPMENT " MIN. 31 HEAD CLEARANCE TANK DEPTH 16'-6" -5'-0" - 1520 mm

KAGATA ENGINEERING CORP.

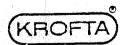
(KROFTA) TEX) Inc. 525 North Belt, Suite 110, HOUSTON, Tx. 77 10



REFERENCES



Oct. 1933



GLOSSARY

Exhibit C Town Council Minutes March 14, 1985 Page 2 of 14

GERMAN - ENGLISH

asbest board

cisy filled papers

beschwerte Papiere Bitumen-Pappen asphalt board printing papers Druckpapiers einf. Packpapiers wrapping papers M.G. (machine glazed) papers ains, glatte Papiere farb, Spezialkartons bread bendles fine and printing papers Fein- und Druckpapiere feine Packpapiere quality wrapping papers fotograf, Papiere costed papers pestrichene Papiere graphische Papiere Graukarton Handtuchkrapp

Industriedruck board Karton Kondensatorpapiere kraft papers Kraftpapiers Кгерр Laminatpapiere

mittelf. Druck- und Schreibpapiere Packpapiere

Asbestpappen

Pergament-Ersatz

photographic papers gray board towel tissue printing papers condensor papers laminated papers groundwood print, writing papers wrapping papers board parchmentlike papers nress board

(KROFTA)

Town Coundil Minutes

Exhibit C

March 14, 1985 Page 3 of 14

Schreibpapiere
Seidenpapiere
Serviettenpapiere
Spezialkarton
techn. Ronpapiere, Feinpapiere

Vollpappen
Wellenstoff
Zellstoffwatta
Zigarettenpapiere

writing papers
tissue papers
napkin tissue
speciality board
technical tracing base, fine papers
solid board

fluting callulose wadding cigarette papers

ITALIAN - ENGLISH

carta bibbia e da scrivere carta da stampa carta scrivere carta per decorativi carta tissue carta da scrivere e da stampa

cartone conquisto cartone conquisto

cartoricino duplex, triplex, zamoscio crespata, Igienica kraft e uso kraft pergamin bible and writing papers printing papers writing papers laminating papers tissue papers writing and printing papers

board fluting strew capers multilayer, unbleached board

craped tollett tissue kraft, kraftlike papers parchmentlike papers

FRENCH - ENGLISH

bico kraft, cannelure biscuits couverture carton couverture de caisse cannelure emballage emballage frictionné emballage moulé ouate de cellulose papier autocopiant papier cigarette papier hygiénique

traitement boues biologiques

jute fluting
etfluent from biscult manufacturing
board liner
liner board, fluting
wrapping board
M.G. (mach.giazed) wrapping papers
wrapping moulds
cellulose warding
one-time carbon paper
ciparette baper
toilett tissue

SPANISH - ENGLISH

agiomerado plano egiomerado ondulado Cartón

carton amianto carton embreado plain chipboard corrupated chipboard

biological affluent treatment

aspest board asphalt board

SPANISH - ENGLISH

cartón gris
cartón compacto
cartones espaciales
cubierta de ondulado
effuente final
guata de celulosa
papel autocopiante
papel condensador
papel copia y OTC
papel crepado
papel embalaje
papel embalaje de calidad
papel escritura

papeles especiales satinados papel estucado papel fino papel fotográfico papel de fumar

papel de fumer papel higiénico papel impresión papel impresión y escritura papel Kraft

papel laminado papel parchemin papel satinado una cara papel tittua

papel tissue papel tissue tissue servilletas tissue de toallas

tratamiento biológico de efluentes tripa para ondular (papel paja) press board
press board
speciality board
fluting
final effluent
callulose wadding
one-time carbon paper
condensor paper
fine and one-time copy papers
crape paper
wrapping paper
quality wrapping paper
writing paper

M.G. (machine glazed) special papers coated paper fine paper photographic paper

fine paper
photographic paper
cigaratte paper
toilett tissue
printing paper
printing and writing papers

kraft paper laminated paper parchmentlike paper

M.G. (machine glazed) papers tissue paper napkin tissue towel tissue

biological effluents treatment

straw papers

PORTUGUESE - ENGLISH

canelado
canelado de juta
cartão
cartão espesto
cartão asfalto
cartão de aparas, simples
cartão de aparas, ondulado
cartão capa
cartão capa canelado
cartão cinzento
cartão colorido
cartão especial
cartão prensado
cartão prensado
cartão não branqueado, multi-camada

fluting
Jute fluting
board
scheet board
scheet board
plain chipboard
corrugated chipboard
board liner
liner board fluting
gray board
colored board
speciality board
press board
multilayer unbleached board

cartao sólido celulose em rama efluente final afluente de manufatura de biscotto embalagem moldado papel acetinado de embaladem papai biblia e de cigarro papel carbono one-time papel cigarro papel com caolin papel compacto papel couché papel crepe papal embalagam papel embalagem de qualidade papel escrita e impressão papel fini e de impressão papal fino para desenho papel fotogràfico papel de impressão papal impressão-escrita (Madaira) papal kraft papel laminado papel palha papel pargaminho papel tecido (tissue) papel tipo kraft denabraug obicet tecido higiénico tecido higiénico crepado recido tosina tratamento effuente biològico

solid board cellulase wedding final effluent effluent from biscuit manufacturing wrecoing moulds machine giazed papers machine plazed wrapping papers bible and cicarette papers one-time carbon paper ciparette paper clay filled papers condensor papers coated capers crape papers wrapping papers quality wrapping papers wrinting and printing papers fine and printing papers technical tracing base fine paper photographic papers printing papers
groundwood print-writing papers kraft papers laminated papers straw papers parchmentlike papers tissue paper kraftlike papers nepkin titsue craped tollett tissue biological effluent treatment

BELGIQUE - BELGIUM

Flotstor Oudegem printing papers Unifloat 5M12P Willebroek Dapers

DRASIL - BRAZIL

Supracell M Alegre Pi printing papers 10 Supracell S. Miguel, Sp fluting Sedificat 22 Braganca, Sp 11550.0 Cordeiropolis, Sp wrapping papers Sedifloat Twin wire P 1000 paper, cardboard Cubatao, Sp. 36 paper, cardboard Sedificat coated board Limeira, Sp Santanesia, Rj special papers Shower self cleaning Pressure Tank 2000 L San Paulo, Sp papers Pressure Tank 2000 L Pirituba, Sp Shower self cleaning Piracicaba, Sp kraft tissue paper special papers Shower self cleaning Santanesia, At Supracell Calerras, Sp corrugated, laminated Sediflost 36 paper cardboard tmbu. Sp Pinda, Sp paper, cardbr ard Supracell 20 Shower self cleaning compensated Jundial Sn vood paneis 20 kraft Supracell Santo Amaro, Ba Pressure tank 4000 It Suzano, Sp pulp and paper Sludge Thickening refrish, beverages Sorocaba, Sp Drum 45/96 Sedificat 30 Recite, Pe paper cardboard Supersieve Sedifloat Recite, Pe paper cardboard 8 Bracana, Sp 1155UE Mogi das Cruzes,Sp Sedifloat 18

CANADA

Supracell 23 New Westminster tissue New Westminster Kingsey Falls, Ont 23 tissue Supracell Supracell Spray Filter 111506 12 Kingsey Falls, Ont 2000 tissue Sludge Press 0.5M Kingsey Falls, Ont. 115546 Capide la Madeleir aspessos papers Supracell 20 Supracell 22 Napanee, Ont paperboard 24 Thorold Ont newsprint deinking Supracell Supracell 33 Thorold Ont newsprint deinking Thorold Ont newsprint deinking Supracell 33 Supracell Vancouver, B.C. tine papers Supracell 24 Annacis Island, B.C. Craptier Quebec Totonto Ont Dissolving 500 deinking Supracell 27 board Supracel Mississauga, Ont board Supracell 24 New Westminster 1/5500 вс Supracell Beaupie Quebec ctimp effluents Supracell 10 Lachule, Quebec tissue Scarborough, Ont linerboard Supracell 18 18 Supracell Scarporpugh deinking Surpacell 18 deinking Scarporough 3000 Scarborough deinking Spray Filter Spray Filter deinking Scarborough 18 deinking Supracell Scarporough 18 Supracell Scarborough deinking 3000 deinking Spray Filter Scraporough Spray Filter 3000 Scarbolough deinking Air Dissolving Tube ADT 3000 Scarborough Air Dissolving Tube ADT Scarporough deinking deparking effluent Supracell Biomotonville

Exhibit C (KRCF Town Council Minu 1985 March 14, Page 4 of 14

ner.	UΓ	CUIN	~

Supracell tissue paper tissue paper Supracell 12 Ti wan Suprecell 3 Taipei pilot pilot Таіреі Sandfloat

CSSR - CZECHOSLOVAKIA

Spray Filter Paskov

DANMARK

Flotator 15 Grenas board 10S3 10S3 Superfloat Naestved wrapping Superfloat Neestved tissue Superfloat 1053 wispping Naustved Kobenhavn board mill Superfloat 952 Supertioat 1152 wrapping Naestved Neestved lissue Superfloat 1053 Superfloat 1053 115548 Neestved Grenas final clarification Supercell 24 testliner, fluting corrugated medium Supercell 22 Grense

12

30 10

10

953

12

12

953

90: 15

1002

105

10

18

4M8P

10

225

Flotator

Unificat

Flotator

Florator

Unitlast

DEUTSCHLAND - W. GERMANY

Nietern	mittelfeine Schreib	Flotato		
	und Druckpapiere			
Albbruck	beschwerte Papiere	Flotator-		
Raubach	Zelistoffwatte	Flotator		
Raubach	Zelisto*twatte	Flotator		
Hoven	Pergament-Ersatz	Florator		
Raubach	Zelistoffwatte	Superfloat 9		
Ettlingen	feine Pack papiere	Florator		
Roigheim	Preßspan	Flotator		
Ettlingen	Packpapiere	Florator		
Stotzheim 1	Seigenpapiere	Luftaufbereitung		
		für bestehende Uniflost Anlage		
.•				
Wendhausen	Bitumen; Pappen	Superfloat 9		
Ratingen	Druckpapiere	Florator		
Repenteiden	eintache Pack papiere	Supertiost 91		
Aschattenburg	Pergament Essatz	Florator		
Holamingen	Packpapiere	Supertios: 10		
Malsch	Wellenstoft	Flotator 1		
Solingen	Spezialkarton	Florator 1		
Ettlingen	Druck papiere	Superfloat 7		
Frankfurt	Asbestpappen	Flotator		
Ettlingen	Packpapiere	Superfloat 9		
Neidentels	Kondensatorpapiere	Flotator		
Weisenbach	Schreibpepiere	Flotator		
Ahrbruck	Wellenstoff	Luftaufbereitung		
		für bestehende		
		Unificat Anlage		

Graukarton

Dapiere

Druck- und Schreib-

Kondensator und

Sammetabwasser

Intograf Paniers

Seidenbapiere

Freyung

CENTRA	L AMERICA	Supracell 22	Neigentei	Sammelabw		
Bermuda	horet laundry	Supracell	Rhumspri	nge Schrenz, We	Platelloat Platelloat Platelloat	3M6P
Costa Aic		Supracell 18	Furscheng	nach Packpapiere	Unitioat	3.2M4P
Costa Ric		Supracelf 18	Ahumspri Ersen		Hoappen Sedificat	15
Colombia	fissur Doard	Supraceil 12	Munchen	Tissue, Pack spat Papieri		12
Colombia	hissue paper	SupraceH 10	Munchen	spez, Pepieri		752
Colombia	molded produc	Shower self cleaning cis. Supracell 10	ive antels	- Swietten Da	Diere Superfloat	752 1053
BOETS	e:	Suprecell 10	1 Duran	Wellenstoff	Sedificat	20
-ROFTA				Exh	ibit c	
						-
				Town	Council Min	utes
DEUTSCHLA	ND - W.GERMANY		DELITECULAR	marc	h 14, 1985	
Solingen	faro Spezialkarton	an garang menghaban dalam di sebagai penghaban dalam Laman dalam da	DEDISCHLAN	ND - W.GERMANY	Page 5 of	14
Bensheim	Spezialkarton	Supercell 20 Supercell 20	Muschede	Deinking	Supercell	48
Alleid	graphische Papiere	Supercett Z2	Muschede	Deinking	Spray Filter 45	40 00
Bensheim.	Sperialkarton	Supercell 15	Raubach Muschede	Deinking	Supercell	33
Auschede	Tissue, Seidenpapie		Alleid	Deinking Streichererebwass	Spray Filter 450	
buren .	gestrichene Papiere	IDEAL Supercell 18	Ratingen	H haltige Papiere		12 15
ruren	Feinpapier	Flotationsanlage	Oberschnitten	Endklarung	Float Press 1520	
lfeid	Kraftpapiere	Supercell 22	Elmshausen	Bitumenpappe	ADT 100	
revung	Vollpappe	Supercell 10				
uschede	Spezialkarton Tissue, Seidenpapier	Sediffort 365K				
uschede	Tissue, Seidenpapier		The legacist of the legacist o		and the street of the street	, 48. T
ershagen	Tissue	Schlammpresse 520	DDR - E GERI	MANY		
onchen ochheim	Laminathapier	Supercett 18				
rshheim	Handtuchkrepp . Schienz	Supercell 18	Penig	Laminatpapiere	Superfloat 90	3
ppelrodeck	Krattpaprere	Supercati 20 furtaufbereitung	Penig	Laminarpapiere	Superfloat 9D	
sseidarf tenberg	Schienz	Supercell 20	EGYPT			
gheim	Tissue Preßspan	Supercell 18	wat Fit			
ren	gestrichene Papiere	Supercell 15 Supercell 20	E! Tabia	printing papers	Superfloat (8D)	•
. spadeu	Tissue Seidenpapier	Supercell 24	Hakta	writing printing par	Y-7-	
Dort	mittl Wellenstott	Supercell 24			Der ADS 1500 (Air diss Tube)	•
seidorf	Duplex Tissue					
äpeim	Presspan	Supercell 30 Supercell 12	ESPAÑA - SPAI	N	· Section of the section	
ec.	mittl Wellenstoff	Supercell 24	Arrigorriaga			
-hheim	`Duplex Krepp	i et <u>o</u> in elektronia tilberiar och til	(Bizkaia)	pagel impresion escritura	Supercell 30	
ihausen	Bitumenpappe	Supercell 20	Andosin	papel impresion	Supercell 18	
istach	sour Feinpapiere	Supercell 12 Supercell 15	(Gipuzkoa)	escritura	Supercell 18	
8	Kondensatoruapiere	Supercell 15	Villarreal (Castellon)	Danel conis y oil	Supercell 18	
oen.	Tissue	Supercett 20	Villaba (Nabarra)	Carton		
sbách	Zigarettenpapiere	Supercell 12 Supercell 18	Amezketa	papeles especiales	Sedificat 36	
mach	Zigareflenpapiere	Supercell 18 Supercell 15	(Grouzkoa) Amezketa	satinados	30	
ntieini	Gelatine	Supercell 10	(Gipuzkoa)	papeles especiales satinados	Studge Press 1M	
1404	Tissue	Schlamm	Villaba (Nabarra)	carton	Sprey Litter 1000	tile i a car
Kostheim	Handtuch und	Presse 500/50 Supercell 27	Tolosa (Gipuzkoa)	papel impresion	Sprey Litter 1000 Supercell 15	
	Tolleitenkrepp	Supercell 27	Villaba (Nabarra)	escritura		
ien	Dekorpapiere	zusatzliche Luftauf	Tolosa (Gipuzkoa)	Carton Dapel impresson	Spray Filler 4500	
berg	Tollettenkrepp	herenung AD 1000		escritura	Supercell 15	1. 4
erq	Paci paulere	Supercell 27 Supercell 10	San Juan de	embalaie y paneles	Superceit 18	
1040	Tissue	Supercell 10 Schlamm	Mozarritar (Zaranca Bataquer (Lerida)			
		Fresse 500/50	Donada (Ceriga)	lest line	Superceil 30	
	Karron Endklarantage	Surercell 18	La Pobla de	papel biclase v embal	. Supercell 30	
öet.	Gelatine	Supercell 18 Supercell 10	Claramuni (Barceloi Irura (Gipuzkoa)	na)	30	
gen	Geletine	Unifloat		panel impresion	Supercell 18	$\mathbf{r} = r_{\mathbf{r}_{\mathbf{r}_{\mathbf{r}}}} = r_{\mathbf{r}_{\mathbf{r}_{\mathbf{r}}}}$
gen	Gelatine	Schlamm	Duenas (Palencia)	biclase v embalain	Supercell 24	
	Laminarpapier	Presse 520/50 Supercell 15	Duenas (Palencia) Rosello (Lerida)	biclase v embalaje	Spray Filter 2000	-
m	Endklarantage	Supercell 24	La Pobla de Claram	Kraff de sacos unt	Supercell 40	
n	Endklaraniage	Schlamn	(Barcelona)	Carton	Supercell 24	
	Fernnapiere	Presse 500/50	La Pobla de Claramo		24	
	E mett to	Supercell 12 Supercell 27	(Barcelona) Villaba (Nabarra)	Carton	Spray Filter 1000	
THIEF			Legazoia (Gipuzkoa	Carton Dapel Krait	Spray Filter 4500	
	Toilettenpapiere	2 Dissalving Tubes	Legazoia (Giouzkoa)	Dabel Kraft	Supercell 22 Spray Filter 1000	
		Type 2000	Navatcarnero			
	And an order to the second	Supercell 15 9 Spritzrahie 2,3m	er e	Cartoncillo	Spray Filler 4500	
. • • • • • • •	Tapetenpapiere	10 Spritzionie 2.3m		capel impresion		•
	feine Pack papiere	3 Spritzrohre 2.3m	9-44-4-4-4	Danel impresion	Superceit 12	
		Supercell 24 Spray Filter 1000	14:41-4	escriture	Supercell 12	
	Bitumenpappe S	Supercell 2 x 12	, and the same	carton	2 tubos dilución	
	Shuhoelenk pappen Karron c			Adrillos revisciarios	TIDO 2000 Supercell 6	
		pray Filter 1000	Villarent (Castelloni p Apatamonasterio	Sanel conta v otc	Supercell 18	
	Competition to the competition of the competition o	upercell 24		elulosa moldeada		
					in: - C	i
and the same of th				the state of the s		<u>Billion</u> to the state of
					n Council Mi	uni
					ch 14, 1985	
SUC	MI - FINLAND		GRIE	CHENLAND - GREET	E Page 6 of	14
line	rainen folding b	operfloat	9S3 Pelasgi	i s Stronkai	rton Sedillos	. 10
Heir		mical corru Airticat	36 Ruvies			
	gated me		Velo		chreibpapiere Supercel	
Terv Loh	rekoski cigarette ia fine wraj		15 Fthiot		ine Druck — Sedifioa: ibpapiere	1 22
Lon Lon		king Supercell	15 Athen	Moschaton Karton	Sedifica	
Kırı	niami magazin	paper Supercell		Aspropyrgos Schreibp		
		paper Supercell	20 Athen Xanth			

FRANCE

Saint Clair-sur	couverture de caisse	14gHtpe2	49
Epie	Canneture		
Thonan	papier autocopiant	Flotator	185
Thonon	papier cigarette	Superficat	952
Domene	Duate de cellulosa	Fiotator	185
mondouville	QUATE OF CRITUION	Florator	12
Uzercher	cannelure bico kraft	Supersieve	6
Uzerche	couverture de carsse	Sedificat	20
Le Pontet	offset	Supercell	18
Quimperlé	papier cigarette	Sedificat	44
Quimperie	papier cigarette	Seditions	49
Spay .	papier cigarette	Supercell	15
Spay	traitement boues	Secifical	30
	biologiques		
Chateauneul	quate de celiulose	Supercell	20
de Gadagne			
Ouezy	biscuits	Supercell	8
Fismes	emballage	Secritors	18
Fismes	embaliage	Supercell	18
La Rochette	couverture carton	Supercell	12
St. Amant	emballage, frictionne	Supercell	18
Arles	couverture cannelure	Sedificat	36
Redon	eluom egelladme	Supercell	12
Chateauneul-	papier hygienique	Supercell	12
de Gadagne			
Sin La Noble	effluent communal	Sedificat	49
Lancey	carton TMP	Supercell	18
La Rochette	carton	Supercell	24
Hondouville	quate de celiulose	Supercell	18
Amiens	ettluent pharma	S. Claritier	2
	ceutique		_
Bottres	elliuent ind aliment.	S. Clarifier	2
Vitry le François	desencrage	Supercell	22
Pierrepont & Avre	couverture cannelure	Supercell	22
Pierrepont & Avre	converture canneture	Supersieve	6
Pierrepont & Avre	couverture canneture	Supersieve	€
Kaysersperg	desencrage	Supercett	24
Crenen	laiteria	Supercell	15
Films	elfluent electrophorese	Supercell	30
Gien .	tissue	Supercell	22
Gien	alfluent Latex	Supercell	8
Josselin	abatton	Seditioat	15
Ham	oxyges metalliques	Supercell	15
Fougeres	appatoirs	Secillost	27
Fouveres	abbatoirs	Sandfloat	8
Tuersheim	desenciage	Spray Filter	4500
Pontcharra	desencrage	Supercell	- 22
Pontcharra	desencrage	Spray Filter	4500
St Fulgent	abattoirs	Supercell	15
St Fulgent	abattoirs	Sandiloat	12
Écully	bianchisserie	Supercell	12
ECUMY	Dianchisserie	Supercen	4

1 %			
:01 f	-		`
- 3	$\neg \cup$	- 10	

ITALIA - ITALY

Vorno (Lucca)	Igienica crespata	Supercell	15
Vicanza	Kraft e uso Kraft	Sedificat	20
Bagni di Lucca	cartoncini duplex	Sedificat	18
	triplex camoscio		
	e paglia		
Pratovecchio	carta igienica	Sediflost	12
Latina Scalo	igienica crespata	Sedificat	15
Caino (Brescia)	cartoni per valigeria	Sedificat	15
Verona	Kraft e uso Kraft	Sedifloat	22
Verone	Kraft e uso Kraft	Sediffont	22
Concesio (Brescia)	carta da frutta	Supercell	. 8
Riva di Tranto	carta da scrivera	Unificat	4,5M12P
	e de stampa		
Nave (Brescia)	Kraft a uso Kraft	Supercell	15
Pasian di Prato	Kraft e uso Kraft	Sedifloat	20
Rossano Veneto	carta da stampa	Sedificat	30
(Vicenza)	e da scrivere		
Subjeco (Roma)	carta da stampa	Superfloat	1152
Caselle Torinese	cartone ondulato	Sedificat	15
Montichiari	Kraft	Sediffoat	. 22
(Brescia)			•
Arsiero (Vicenza)	carte da sigarette	Supercell	12
	e filtri	•	
Mesola (Ferrara)	Kraft e camoscio	Sedificat	30
Nave (Brescia)	carta da imballo	Supercell	8
Isola del Liri	carte uso Kraft	Supercell	12
Fabriano (Ancona)	carta filigranate	Supercell	10
Fabriano (Ancona)	carta filigranata	Supercell	12
Fabriano (Ancona)	carta filigranate	Supercell	10
Scatati (Salerno)	carta da imballo	Sedificat	22
F			

Poone	fine wrap, papers	Supracell	15	in
Poona	fine wrap papers	Spray Filt		14x
Ajanta	line wrap papers	Supracell	12	110
Aintra	tine wish papers	Supracell	12	
INDONESIA				
	•			
Djakarta Mekabox	fluting	Supracell	2,2	
Pakerin	paral coated papers	Supraceil	16	
IRAN				
Teheran	weading	Fiotator	10	
ITALIA - ITALY	2.5			
			and the second second	
Isola dei Liri	carta da scrivere	Flotator	. 12	
San Cesario (Mi.)	pergamin	Flotator	18	
San Cesario (Mi.)	cartone	Fintator	20	
Isola Del Liri	CAILS CIS SCIIVETE	Flotator	10	
(Frosinone)	e da stampa			
Toscolano del Garda (Brescia)	carta da scrivere e da stampa	Florator	12	
Serravatte Sesia	carta bibbia e	Flotator	15	
	da sigarette			
Riva di Trento	carta da scrivere	Florator	20	
	e da stampa			
Riva di Trento	carta da scrivere	Florator	. 24	
•	e da stampa			
Bologna	carta bibbia e	Flotator	10	
lands dat beer	da sigarette	FIOIBIO	12	
Isula del Ligi	e ca stampa	FIGURE		
ក៏បញ្ជូន្ធា	caria da stampa	Florator	195	
Foggie	carta da stampa	Fiotator	185	
Foggia	carta da stampa	Fiorator	205	
Dervia (Camp)	cartone onoulato	Florator	125	
Calolziocorte	cartone	Airfloat	22	
(Bergamo)	12.00		3 3 4 4 4 4	
Besozzo (Varese)	carta per decorativo	Unificat	2 3M4P 4 5M12P	
Toscolano del Garda	carta da scrivere e da stampa	Unitioat	4,5M12P	
Mandello Lario	cartoncini	Secutions	8	
Basaldella di Udine	Kraft e uso Kraft	Auttoat	22	
isola dei Liri	Carta da scrivere	Flotator	205	
(Frosinone)				
Toscolano	carta da scrivere	Unitioat	4,5M12P	
del Garda	e da stampa		11 1150	
Isola del Liri	carta da scrivere	Figiator	205	
(Frosinone) Besozzo (Varese)	e da stampa Carta per decorativi	المراجع والمراجع والمراجع	010000	
mescaro (Varese)	carta per decorativi	Unitidat r	22 22	
Momo (Novara)	carta da scrivere	Unitioal	3M6P	
Ponte all' Ania	Cartapagha	Secritori	74	
S. Maria Zevio	carta tissue	Sedificat	15	
(Verona)				
Republica	cartanagua	Sections	20	
San Marino				
Rossano Veneto	Carta da Stampa	Supertion	1053M	
(Vicenza)	e da scrivere			
	Exhib.	i + C		
والمستون والمتناف والمستوال		5		
	TOWN	Ounci	T WILL	utes
		14, 1		
ITALIA – ITALY	Page :	7 of 1	4	

ITALIA - ITALY	Page	7 of 14	
Rovereto (Trento)	carte da imballo per tabacchi	Supercell	18
Vipevano (Pavia)	caltex per calzature	Sedificat	27
Verzuolo (Torino)	scarico disinchio	Supercell	22
, , , , , , , , , , , , , , , , , , , ,	STERZIONS	Supercen	
Allfe (Caserta)	carta per filtri	Sedificat	12
Tirano (Sondrio)	carta da scrivere	Sedificat	36
	e da stampa		
Pasian di Prato	carta da scrivera	Supercell	20
(Udine)	e da stampa		
Front Canavese	carts Kraft	Supercell	15
(Torina)			
Coperchia di	carta per ondulatori.	Sedificat	22
Pallezzano (Salerno	•		
Imola (Bologna)	carta per ondulatori	Supercell	24
Cernobbio (Como)	carta da scrivere e	Supercell	15
	da stampa - offset		
Momo (Novara)	cartoncini duplex e	Supercell	20
	triplex		
Pietrabuona	carta da imballo	Supercett	8
Pescia (Pistola)			
Consiglio Rumo	carta faltro, lana	Supercell	12
(Come)	monolucide, imballo		
Avestano (F. Aquila	carte da stampa	Sedificat	55
Savignano sul	trasformazione	Supercell	27
Panaro (Modena)	Cartaccia		
Cotte Val D'Etsa (Siena)	carta per ondulatori	Supercell	8
		· .	
E.N.C.C. (Roma)	impianto pliota	Supercell	8
Rivignano (Udina)	carta da stampa	Supercell	18

palerno; filano								
Milano			. 1		Arzano (Napoli)	carta da pacco	Supercell	12
	cartoni è cartoncini	Supercell	12		Jesi (Ancona)	carta igienica	Supercell	12
filano	cartoni e cartoncini	Supercell	12	1	Pompei (Napoli)	carta da imballo	Supercell	22
	cartoni é cartonoini	Supercell	12			per tabacchi		J
. Grustina	cartoni e cartoncini	Supercell	18		Lucrezia di	trasformazione	Supercell	27
ellunese		2				cartaccia	_	
	carta da stampa	Supercell	18		Montelupone	cartoni	Supercell	2,2
	e imballo	2 - 5			(Macerata)		_	
	pergamin	Sedifloat	27		Lallio (Bergamo)	cartoni	Supercell	22
	carta da stampa	Sediflost	55	4.5	Maslianico (Como)	zione finale	Sedifloat	12
	carta da stampa	Supercell	12		S.Giovanni di	carte naturali	Sediflost	55
rosinone)	عارو والمارة والمارة	Cadillan			Duino (Trieste)	e patinate	Sedinost	23
	carta da imballo	Sedificat Supercell	10 12		Isola del Liri	carte cartoncini	Sedificat	55
lumetreddo di icilia	imballi per frutta	Subsicali	'*		(Frosinone)	periodici	Seamoat	33
icina ian di Mura Casto	Vinadio	Sedifloat	10		Chieti Scalo	carte fini c/e/s/legno	Sedifloat	55
Brescia)		360111081	. 1			carte speciali cartonom		10
	carta tissue	Supercell	27		5. Maria di Zevio	carte crespate e	Supercell	18
Vovere)		0021.00			Veronal	tissues		
	Carta Lissue	Sedificat	36		Maglio di Gosto	carta paglia	Supercell	8
Vovere)	CD-110 Linius	200111021			(Mantova)			
	carta da frutta	Supercell	10		Bubano di Mordano	carta da imballo	Supercell .	12
3rescial					Bologna)			
roccostella	cartoni e cartoncini	Sedificat	27	1	Mesola (Ferrara)	clupak	Air Dissolving	
rosinone)							Tube tipo	2000
	cartoni e cartoncini	Supersieve	6		Meina (Novara)	Kraft e uso Kraft	Supercell	15
	cartapaglia	Sedificat	30		Vicenza	Krafi	Supercell	18
ucca)				,	Riva del Garda	carte naturali e	Supercell	36
	cartoncini	Sedificat	30	(Trento)	patinate fini e		
	carta da frutta	Supercell	8			finissime		
	cartapagila	Sedificat	49	4 / 4 / 6	Chieti Scalo	carte patinate	Cono Sedimen	tatore
ivali)	garan da da arang 1. Manganan		reger de b		Chieti)		SD	300
	cartapaglia	Flitropressa	l	-	Toscolano (Brescia)	carte patinate	Cono Sedimen	tatore
'ivati)							SD	300
	cartepaglia	Sedificat	36		Maria di Zevio	carte crespate	Feamer tipo	20
ivoll)			1		Verona)	e carte tissues	Stock Washer	2m
	cartapaplia	Supersieve	6	5	Angelo Lodigiano	cartoncini	Supercell	24
ivoll)		-	J.		Milano)	· All All All All All All All All All Al		14 - G
The state of the s	carta da frutta	Supercell	8	F	escia-Pietrabuona	carte da imballo	Supercell	10
	carta da frutta	Supercell	10		Pistola)	In benere	1 () () () ()	
	carta da stampa	Sedifloat	55	eri e jiha t	Tivoli-Pontelucano	carta Krait	Supercell	10
Grovanni dl	carta da stampa	Sedificat	55		Roma)			
uino (Trieste)				S	Fietro in Campo	camoscio	Supercell	12
varo (Udine)	cartoni e cartoncini	Sedifloat	40		arga (Lucca)			
are (Udine)	cartoni e cartoncini	Supersieve	8			carta paglia	Sunargall	
ino (Brescia)	carta camoscio	Supercell	15	•		Exhibit C		
	 					Town Counc	ij Wib	
-						March 14,	1985	
			i					\
			. 1		JAPAN	Page 8 of	T.4	1
YLY , ALY			1					-7
ויוא		Supercell	22		B 462O	waste paper reputping	Sedificat	24
	contenitori per	Sopercon	- 77		TOLYO	wrapping paper	Seditions Seditions	20
	impallaggio	Supercell	12		Tokyo	Waste sludge	Superficat	755
W 2/2	carta tissue	Supercell	10		Modara City, Chiba	laundry effluents	Airfloat	44
-:ano	carte veline		1		Kanatsu City	Postd Daper	Secition	65
Man ac	carte uso Kraft	Superceil	12		Ichinoseki City	Wispping paper	Secritori	24
(株)(学) (数)	Simileuoio	Supercell	10		Ichinoseki City	mewsprint wrapping paper	Sediliosi	36
Whi:	Similcuoio	Supercell	10		Solue, Aichi	line paper	Sealtost	36
ARI	carte igianiche	Supercell	10		Shimizu, Shizuoka Fushiki, Toyama	printing, writing paper	Sedifical	85
SECTION 1	carta per sacchetti	Supercell	18		Akita	final effluents	Sedifical	100
200 CT 4611	carte monocarbon	Supercell	22		Harada Shizuoka	fine papers	Secilloal	44
	carte veline		1		Osaka	closed system	Supercell	25
	Carte da scrivere	Sedifloat	44		Osaka	closed system	Supercell	24
"" "	e da stampa				Osaka	closed system	Supercell	24
VC) carte da scrivere	Supercell	30		Hokkaido	Yututsu Mill	Supercell	40
)))) 	e da stampa				Hokkaido	Yufutsu Milit	Supercell	40
	CDDettille bei guidane.	Supercell	22		Shizuoka	Fun Mill	Supercell	27
	disinchiostrazione	Spray Filter	4500		PULLONS	tine paper white	Supercen	22
		TIPO	15		· · · · · · · · · · · · · · · · · · ·	water it overy		_
Ma,		Dunercell		1	Shizuona	tine papers	Summerly	2
Y'''	o ovattina	And the second of the second				Time Dabare		
anivis same			55		7	newsprint	Supercell	100
annings , affic	ıyçanıa da stan Ja	Seditioal	55 55		Ehirne	newsprint		100
annings , affic	i caisa da stan Ja pasinata e non	Seditioal Sedifical	55		7		Supercell	11
anny in the saline Substitution of Aguila Substitution of Aguila	ıyçanıa da stan Ja	Seditioal			Ehirne Saya	newsprint	Supercell : Supercell :	11
gjjivra svalic Sjøss Lajsana aguit Lajsana	parinada stan Ja parinata e non carre timi varie	Sedifical Sedifical Superceif	55		Enime Saya Shizuoka	newsprint corrugated med con- closed water system	Supercell	11
Spins adult	ir carsa da stan Ja pasinata e non carse lini varie curse da scrivere	Seditioal Sedifical	55 27		Ehirne Saya	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell :	11
Million Adults Market Adults Marke	paina da stan Ja painata e non carte lini varie curté da scrivere e da stainpa	Seditioal Seditioal Supercell	55 27		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell :	11
Million Adults Market Adults Marke	patinada stan Ja patinata e non carte lini varie curté da scrivere e da stainba carte e cartoncini per	Sedifical Sedifical Superceif	55 27 24		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell :	1
Applied And Applied Ap	patinada stan da patinata e non carte lini varie curte da scrivere e da stainna carte e car (oncini per uso industriale e alim	Seditioal Seditioal Supercell	55 27 24		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell :	11
Sylling adults Sylling adults Sylling and adults Sylling and adults Sylling and adults Sylling adults Sy	patinada stan da patinada stan da patinada e non carte limi varie e da stainda carte e cartoncini per uso industriale e alim carte Kialt liscia ed	Sedifical Sedifical Supercell Supercell Sedifical Spray Filter	55 27 24		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell :	1
gillers valle giffer aquila giffer aquila giffer a giffer a giffer a giffer au giffer au giffer au	patinada stan Da patinada e non carte lini varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kiatt liscia ed estensibile	Seditioal Seditioal Supercell Supercell Seditioal Spray Filter	55 27 24 55		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell :	1
Appliers adults Appliers adults Appliers Ap	patinada stan Da patinada e non carte lini varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kiatt liscia ed estensibile	Sedifical Sedifical Supercell Supercell Sedifical Spray Filter	55 27 24 55		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell : Supercell :	11
agilita valle agilita vagulla agilita vagulla agilita va gunta agilita va aniche aniche agilita va aniche	patinata e non carte limi varie carté da scrivere e da stainna carte e cartoncini per uso industriale è alim carte Kiatt liscia ed estensibile disinchiostrazione	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell : Supercell :	1
Appliers adults Appliers adults Appliers Ap	patinata da stan Da patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kiaff liscia ed estensibile disinchiostrazione cellulosa semichimica	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36		Enime Saya Shizuoka	tizzne babeiz Coundated used his Demahriut	Supercell : Supercell : Supercell :	1
giginia valle gigital aquila gigital aquila	patinata da stan Da patinata e non carte linti varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kiaft liscia ed estensibile disinchipstrazione cellulosa semichimica bianchita e semibian	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36		Ehine Saya Shizuoka Niigata	newsprint Corrugated ment of crosed water system tissue papers fine papers	Supercell : Supercell : Supercell :	11
Application administration of the control of the co	patinata da stan Da patinata e non carte lini varie carte da scrivere e da stainba carte e cartoncini per uso industriale e alim carte Kiaff liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36		Enime Saya Shizuoka	newsprint Corrugated ment of crosed water system tissue papers fine papers	Supercell : Supercell : Supercell :	11
Application adults applic	patinata da stan Da patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kialt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni	Sedifical Sedifical Supercell Supercell Sedifical Spray Filter tipo Supercell Supercell	55 27 24 55 4500 36 18		Ehrine Saya Shizuoka Niigata	newsprint corrugated med officiosed water system tissue papers fine papers	Supercell : Supercell : Supercell :	11 2
gights , adults gights , adult	patinata da stan Da patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kialt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio	Sedifical Sedifical Supercell Supercell Spray Filter tipo Supercell Supercell Supercell	55 27 24 55 4500 36 18		Enine Saya Shizuoka Niigata JUGOSLAVIA.— Krsko	newsprint corrugated med officiosed water system tissue papers fine papers YUGOSLAVIA	Supercell Supracell Supracell Supracell	11 2
gental	patinata da stan Da patinata e non carte lini varie Carté da scrivere e da stainna carte e cartoncini pei uso industriale è alim carte Kiaft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo carta camoscio carta da sigai ette	Sedifical Sedifical Supercell Supercell Spray Filter Lipo Supercell Supercell Supercell Supercell	55 27 24 55 4500 36 18 20 15		Ehine Saya Shizuoha Niigata JUGOSLAVIA Kisko	newsprint corrugated med with closed water system tissue papers fine papers YUGOSLAVIA Zeitungsdruck Zeitungsdruck	Supercell Supercell Supercell Supercell	11 2
gallitis adulta gallitis gall	patinata da stan Da patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini pei uso industriale e alim carte Kiaft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio carta da sigarette carte fini e speciali	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell Supercell Supercell Supercell Supercell	55 27 24 55 4500 36 18 20 15 22		Ehirne Saya Shizuoka Niigata JUGOSLAVIA.— Krsko Krsko Drvar	newsprint corrugated med and crosed water system tissue papers fine papers YUGOSLAVIA Zeitungsdruck Zeitungsdruck Zeitungsdruck	Supercell Supercell Supercell Supercell Supercell Figuration Figuration	11 2
Applied a spile applied a spile applied a spile above a sp	patinata da stan Da patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kiaft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita oi pioppo cartoni carta da sigarette carte fini e speciali carte fini e speciali	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell Supercell Supercell Supercell Supercell	55 27 24 55 4500 36 18 20 15 22		Ehrine Saya Shizuoka Niigata Niigata JUGOSLAVIA.— Krsko Krsko Drvar	newsprint corrugated med and crosed water system tissue papers fine papers fine papers YUGOSLAVIA Zeitungsdruck Zeitungsdruck Zeitungsdruck Zeitungsdruck	Supercell	2 2 2 1
giging a squite and a squite an	patinata da stan da patinata e non carte lini varie da scrivere e da stainda carte e cartoncini per uso industriale e alim carte Kieff liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semidian chita di pioppo cartoni caria da siguiette carte fini e speciali carte filitianti carte filitianti	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell Supercell Supercell Supercell Supercell Supercell Supercell	55 27 24 55 4500 36 18 20 15 22		Ehrine Saya Shizuoka Niigata Niigata JUGOSLAVIA Kisko Kisko Divar Divar Ljubijana Polje	newsprint corrugated ment of crosed water system tissue papers fine papers fine papers Zeitungsdruck Zeitungsdruck Zeitungsdruck Zeitungsdruck Schreippapiere	Supercell Supercell Supercell Supercell Supercell Supercell Fromton Fromton Fromton Fromton Fromton	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
gental	patinata da stan Da patinata e non Carte lini varie Carte da scrivere e da stainna carte e cartonoini per uso industriale e alim carte Kieft lisola ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta da sigai ette carte fini e speciali carte filiranti carte da impallo	Seditioal Seditioal Supercell Supercell Spray Filter Lipo Supercell Supercell Supercell Supercell Supercell Supercell Supercell Supercell	55 27 24 55 4500 36 18 20 15 22 10		Ehirne Saya Shizuoka Niigata JUGOSLAVIA.— Krsko Krsko Drvar Drvar Ljubijana Polje Ljubijana Polje	Pewsprint Corrugated mint)	Supercell Superc	11 2 2
gigings value gigins value gigi	patinara e non carte lini varie Carté da scrivere e da stainna carte e cartonoini pei uso industriale e alim carte Kialt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e seminian chita di pioppo carta da sigai ette carte fini e speciali carte filiranti carte da imballo	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36 18 20 15 22 10		Ehirne Saya Shizuoka Niigata JUGOSLAVIA— Krsko Krsko Drvar Drvar Ljubijana Polje Ljubijana Polje Ljubijana Polje	Pewsprint Corrugated mint)	Supercell Superc	11 2 2
Special Specia	patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini pei uso industriale e alim carte Kraft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio carta da sigarette carte fini e speciali carte titiranti carte oa imballo carta igienica carta igienica	Seditioal Seditioal Supercell Supercell Seditioal Spray Filter tipo Supercell Supercell Supercell Supercell Supercell Supercell Supercell Supercell	55 27 24 55 4500 36 18 20 15 22 10		Ehirne Saya Shizuoha Niigata Niigata JUGOSLAVIA.— Kisko Kisko Divar Divar Ljubijana Polje Ljubijana Polje Ljubijana Polje Redece	Personal Corrugated med and corrugated med and system tissue papers tine papers tine papers Tenungsoruch Zeitungsoruch Zeitungsoruch Zeitungsoruch Schreidpapiere Schreidpapiere Feinharton	Supercell Supracell Supracell Supracell Supracell Frotator Frotator Frotator Frotator Supercloator Supercloat	10 10 10 10 10 10 10 10 10 10 10 10 10 1
giging a special speci	patinata e non carte lini varie Carté da scrivere e da stainna carte e cartoncini pei uso industriale e alim carte Kraft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio carta da sigarette carte fini e speciali carte titiranti carte oa imballo carta igienica carta igienica ai cartone fibrato	Seditioal Seditioal Supercell Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15		Ehrine Saya Shizuoka Niigata Niigata Liugata Krsko Krsko Drvar Drvar Liugatana Polje Liugatana Polje Liugatana Polje Liugatana Polje Ragece Ragece	Personal corrugated med and corrugated med and system tissue papers fine papers fine papers fine papers. YUGOSLAVIA Zentungspruck Zentungspruck Zentungspruck Schreidpapiere Schreidpapiere Schreidpapiere Feinkarton Feinkarton	Supercell Supracell Supracell Supracell Supracell Supracell Supracell Frotator Frotator Frotator Frotator Supertipat Supertipat	10: 9:
gentaria aquita gentaria	patinata e non carte lini varie carte da scrivere e da stainna carte e cartoncini pei uso industriale e alim carte Kraft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio carta da sigarette carte fini e speciali carte titiranti carte oa imballo carta igienica carta igienica	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15		Ehirne Saya Shizuoha Niigata Niigata JUGOSLAVIA.— Kisko Kisko Divar Divar Ljubijana Polje Ljubijana Polje Ljubijana Polje Redece	Personal Corrugated med and corrugated med and system tissue papers tine papers tine papers Tenungsoruch Zeitungsoruch Zeitungsoruch Zeitungsoruch Schreidpapiere Schreidpapiere Feinharton	Figure ell Supracell Supracell Supracell Supracell Supracell Figure ell Supracell Figure ell Figure	100 99 anny (
gypinin , allic gypisi , aquita addition , aquita addition , aquita gypision , gypision	patinata e non carte lini varie Carté da scrivere e da stainna carte e cartoncini pei uso industriale e alim carte Kraft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio carta da sigarette carte fini e speciali carte titiranti carte oa imballo carta igienica carta igienica ai cartone fibrato	Seditioal Seditioal Supercell Supercell Seditioal Spray Filter Lipo Supercell Arr Dissolvin	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15		Ehrine Saya Shizuoka Niigata Niigata Liugata Krsko Krsko Drvar Drvar Liugatana Polje Liugatana Polje Liugatana Polje Liugatana Polje Ragece Ragece	Personal Corrugated med and consequences water system tissue papers time time papers time time time time time time time time	Figure ell Supracell Supracell Supracell Supracell Supracell Figure Figure Figure Figure Figure Figure Figure Supertical Auto Reinig Supertical	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
gental aquita gental aquita gental aquita gental acquita g	patinata da stan Da patinata e non carte lini varie Carté da scrivere e da stainna carte e cartonoini pei uso industriale e alim carte Kialt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta da sigarette carte lini e speciali carte litiranti carte da imballo carta igienica carta igienica carta cartone fibrato carte patinate	Seditioal Seditioal Supercell Air Dissolvin Tube tipo	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15		Ehrine Saya Shizuoka Niigata Niigata Liugata Krsko Krsko Drvar Drvar Liugatana Polje Liugatana Polje Liugatana Polje Liugatana Polje Ragece Ragece	Personal corrugated med and corrugated med and system tissue papers fine papers fine papers fine papers. YUGOSLAVIA Zentungspruck Zentungspruck Zentungspruck Schreidpapiere Schreidpapiere Schreidpapiere Feinkarton Feinkarton	Figurated Superioral Figuration Figuration Figuration Figuration Superitional Auto Reinits Superitional Auto Reinits Auto Reinits Auto Reinits Superitional Auto Reinits Superitional Auto Reinits Superitional Auto Reinits	2 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
gental	patinata da stan Da patinata e non carte limi varie Carté da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kielt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta da sigarette carte limi e speciali carte filtranti carte da imballo 'carta igienica carta igienica al cartone filbrato carte patinate	Seditioal Seditioal Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15 9		Ehrine Saya Shizuoka Niigata Niigata Liugata Kisko Divar Divar Liugataa Polje Liugataa Polje Liugataa Polje Liugataa Polje Ragece Ragece Ragece	Personal Corrugated med and corrugated med and system tissue papers fine popers fine popers YUGOSLAVIA Zeitungsdruck Zeitungsdruck Zeitungsdruck Schreibpapiere Schreibpapiere Feinkarton Feinkarton Teine Schreibpapiere	Figurated Superior Front of Front of Front of Front of Front of Front of Superior Su	22 22 22 11 11 10 10 99 99 99 90 10 10 10 10 10 10 10 10 10 10 10 10 10
Application administration of the control of the co	patinata da stan Da patinata e non carte lini varie Carté da scrivere e da stainna carte e cartonoini pei uso industriale e alim carte Kialt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta da sigarette carte lini e speciali carte litiranti carte da imballo carta igienica carta igienica carta cartone fibrato carte patinate	Seditioal Seditioal Supercell Air Dissolvin Tube tipo	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15 9		Ehrine Saya Shizuoka Niigata Niigata Liugata Kisko Divar Divar Liugataa Polje Liugataa Polje Liugataa Polje Liugataa Polje Ragece Ragece Ragece	Personal Corrugated med and corrugated med and corrugated med and corrugated med and corrugate and c	Superiori Superiori Florator Florator Florator Florator Florator Florator Florator Superitori Superitori Auto Reinic Superitori Superitori Superitori Superitori Superitori	109
Selection of the select	patinata e non carte luni varie carte da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kraft liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta camoscio carta da sigaiette carte fini e speciali carte filtranti carte da imballo carta igienica carta igienica a) cartone fibrato carte patinate pastalegno corta gienica	Seditioal Seditioal Supercell Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36 18 20 15 22 10 15 24 3000 10 15 9		Enine Saya Shizuoka Niigata Shizuoka Niigata JUGOSLAVIA.— Kisko Kisko Divar Divar Ljubijana Polje Ljubijana Polje Ljubijana Polje Ljubijana Polje Radece Radece Radece Radece Siadkivih	Personal Corrugated med and corrugated med and system tissue papers fine papers fine papers fine papers YUGOSLAVIA Zeitungsoruck Zeitungsdruck Zeitungsdruck Schreidpapiere Schreidpapiere Feinkarton Teine Schreidpapiere teine Schreidpapiere Servieltenpapiere	Frontoi Frontoi Frontoi Frontoi Frontoi Frontoi Frontoi Frontoi Supertroat Auto Rennis Supertroat Auto Rennis Supertroat Supertroat Supertroat	22 22 11 10 10 95 93 94 94 95 95 95 95 95 95 95 95 95 95 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97
Servers Ser	patinata da stan Da patinata e non carte limi varie Carté da scrivere e da stainna carte e cartoncini per uso industriale e alim carte Kielt liscia ed estensibile disinchiostrazione cellulosa semichimica bianchita e semibian chita di pioppo cartoni carta da sigarette carte limi e speciali carte filtranti carte da imballo 'carta igienica carta igienica al cartone filbrato carte patinate	Seditioal Seditioal Supercell Supercell Seditioal Spray Filter Lipo Supercell	55 27 24 55 4500 36 18 20 15 22 10 15 22 10 15 3000 10 15		Ehirne Saya Shizuoha Niigata Shizuoha Niigata JUGOSLAVIA— Kisko Kisko Divar Divar Ljubijana Polje Ljubijana Polje Ljubijana Polje Hodece Radece Radece Radece	Personal corrugated med and corrugated med and system tissue papers fine papers fine papers fine papers fine papers Zentungsoruck Zentungsoruck Zentungsoruck Zentungsoruck Schreidpapiere Schreidpapiere Schreidpapiere Feinkarton Teine Schreidpapiere teine Schreidpapiere Senviettenpapiere Senviettenpapiere	Superiori Superiori Florator Florator Florator Florator Florator Florator Florator Superitori Superitori Auto Reinic Superitori Superitori Superitori Superitori Superitori	22 22 11 10 10 95 93 94 94 95 95 95 95 95 95 95 95 95 95 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97

Air Dissolving 2000 Tune tipo.

am Fuzine

teine Diuckpapiere mittelteine holzfrei

Seditions

Banja Luka Zagreb Novi Knezevac

Cacak Cacak

Cazin

mittelleine Kartone Wellenstott Stronpapier Karton Stronpapier Nation

Karton

Unitioal Sediliual Seditioai Supercent

(KHOFTA

KOREA

Exhibit C

CSTERREICH - AUSTRIA

March 14, 1985 Page 9 of 14

Town Council Minut

Sepul	Tissue	Supracell	20
MAGYAR - HUN	GARY		
Lanatian	Endklarung	Sedificat	18

MEJICO - MEXICO

Иерса, D.F.	box board		Flotator	20)
Mejico, D.F.	line papers		Florator	12	2

NEDERLAND

Wapenvelden	teine Papiere	Flotator 12
Rosemond	Mittelwellenrohpapier	Sedificat 30
Doetinchen	Endklaraniage für 4PM	Sedificat 30
Cuyk	Seidenpapier	Supercell 10
Cuyk	Seidenpapier	Supercell 18
Meerssen	Feinkarton	Supercell 12
Swalmen	Altpapier	Sedificat 15
Hoogkerk	Karton	Sedificat 30
Hoogkerk	Graupappe	Supersieve 8
Nieuwescharts	Karton	Sedificat 36SK
Coevoerden	Feinkarton	Sedificat 30
Meerssen	Feinkarton	Supercell 10
Meerssen	Feinkarton	Supercell 10
Fienkum	Deinking	Supercell 33
Renkum	De inking	Supercell 18
Doetinchem	Schrenzpapier	Supercell 15
Apeldoorn	Feinkarton	Supercell 12
Apeloporn	Feinkarton	Schlammpresse 550
Dollard	Karton	Spray Filter 3000
Doetinchem	Dainking	Supercell . 20
Doetinchem	Deinking	Spray Filter 3000

NORGE - NORWAY

Tyristrand	TISSUE	Supercell	12
Tyristiand	tissue	Supercell	12
Tyristrand	tissue	Supercell	10
Tyristiand	tissue	Supercell	10
Tyristrand	tissue	Supercell	10
Tyristiand	tissug	Supercell	8
Honeloss	moids	Spray Filter	2000
Stabekk	tissua	Supercell	18
Rena	board	Supercell	. 24
Totte in Hurum	Kraft pulp paper	Supracell	12

Gra?	Fein u Druckpapiere	Unificat	2M5P
Graz	Fein-u. Druck papiere	Unitioal	2M5P
Graz	Fein u. Druckpapiere	Unificat	2M7P
Gratkorn	FeinDapiere	Unificat	2.5M7P
Gratkorn	Feinpapiere	Unitioat	2.5M7F
Timmersdor/\$t	Pappen	Unificat	2M4P
Nikiascort/St.	Fain u Druckpapiere	Unificat	ЗМВР
Laakirchen	mittelf Druck and	Flotator	12
	Schreibpapiere		
Laakirchen	mittelf Druck und	Fiotatro	20
	Schreibpapiere		
Wattens/Tirol	Kondensator Fein	Flotator	20
	und Druckpapiere		
Grimmenstein	Zelistoffwatte	Fiotator	8
Nikissoort/St	Fein u. Druck papiere	Supersieve	6
Niklasdorf/St.	Fein u Druckpapiere	Secritical	27
Graz	Fein u Druckpapiere	Sedificat	30
Ortmann/N.O.	Hygiene Papiere	Sedificat	30
Theresienthal/N O	Feinpapiere	Sèdition	44
Theresienthal/N O	Feinpar ie	Fiotator	15
Steyermuni/O O	mittellaine Papiere	Supercell	22
Traun	Zigarettenpapiere	Supercell .	8
	Fainpapiers		
Graz	mittelfeine Papiere	Sedificat	סר
Graz	Fein u Druckpapiere	Supercult	30
Frantschach/K	Krattpapiere	Supercell	18
Frantschach/K	Kralipapiere	Supercell	ាម
Timmersdorf/St	Pappen	Luttautner	enturing
Wattens/Tirol	Zigarettenpapiere	Supercell	27
Ortmann/N O	Endklarung	Sedilloat	44
Frantschach/K.	Kraftpapiere	Supercell	18
Frantschach/K.	Kraftpapiere	Supercell	22
Wien	Mullaulbereitung	Supercell	36
Grimmenstein	Zelisioitwatie	Sedificat	24
Steinteid	Spezialpappe	Supercell	12
	oper.a.pappe	Supercen	

POLSKA - POLAND

Ostroleka	Kraftpapiere	Fiotator 12
Ostroleka	Krattpapiere	Fiotator 12
Ostroleka	Kraltpapiere	Flotator 12
Ostroleka	Krattpapiere	Fiotator 12
Poznan	* Laminatpapiere	Supercell 20

PORTUGAL

Marco de Cana	vezes papel Kraft	Supercett	10
Lisopa	tissue	Supercell	15
Listopa	tissue	Supercell	20
Lisboa	tissue	Spray Filler	1000
Lisboa	tissue	Spray Fiftee	200C
Almonda	tissue	Supercell	20
Almonga	fissue	Ellivent San	quers

SCHWEIZ - SVIZZERA - SWITZERLAND

That ST Gallen	Pappen	Flotatoi 12
Ariesheim	Packpapiere	Florator 18
Grettingen	feine Druckpapiere	Luftaufberenung
Landquart	Schreib und Druck	Supercell 15
•	papiere	
Landquart	Schield una	Supercutt 20
	Druck Gapiere	
Lupano	Oli vepetali	Supercell 4
могреп	Tissue Seidenbaulere	ADT 150
		Luftautheleiling

Town Council Minutes

SAUDI ARABIA

molded products

March 14, 1985 .usa Page 10 of 14 Little Falls, N Y

one time carbon, tissue. Flotator

1059

printing press Port Huron, Mich Big Island, Va Supertipat Big Island, Va. NSSC pulp.
E hartford, Conn. Issue and wadding. Airfloat 36 Unition 37Mise

SVERIGE - SWEDEN

la artad	1165-Uii	Airtigat	15	7/1	Breckville Ohio	board (waste paper)	Secritors Supracet	18 10
to the second se	tissue	Airtigat	20	1d()1	N Rochester N H Rochester N H	POSICIALITY DOSIGNATION	Supraced	1(
	de inking	Supercell	49	ν	Covington, Tenn	Specialty busids	Supracell	1
14.1-	tissue	Supracell	22		Covington, Tenn	(shoes)		
101101101					Given Bay Wisc	lissue	Supracell	12
					Green Bay, Wisc	lissua	Supraceo	2 (
				1	Green Bay Wisk	lissue	Summar en	2.
					Green Bay, Wist	tissue	Supraceu	
NITED KINGDOM	1				Fulian, N Y	tissue	Survincell	
					Hinsgale, N.H.	lissue	Supriaren	1 (
artford, Kent	line Dapers	SuperHoat	752		Hinsdale, Vermont	de laring	Supracen	11
Silloid, Kent	tine papers	3uperttoat	753		Hinsdale Vermont	de inkiy	Supracon	1.
Dartford, Kent	fine papers	Superfloat	753		Baldwinville, Mass	ge inking	Suprace#	-
artiord, Kent	tine papers	Superfloat	753		Lincoln N H	de inking	Supraceri	
	fine papers	Superfloat	952	소리를 보고 있다.	St Paul, Minn	Doesd	Sugar or car	2
ligh Wycambe, B	writing, printing pap.	Supertioas	952		St Paul Minn	by a rd	Sumakell	2
Suard Bridge, File	writing, printing pap	Supertion.	952		Rothschild, Wisc	activated studies	Sentitions	, li
Suard Bridge, Fite	writing printing pap	Supertioal	953		Lewes Delaware	ciam & shrinia pin ess	Sector Gal	,(j., t)
Suard Bridge, File	writing, printing pap	Superfloat	753		Stevens Point Wist		Sinay Filter	450
Aidiothian, Scott	esparto pulp bleaching	Figrator	8		Stevens Point, Wisc		Suray Filter	4500
veison, Lanc	sanitary napkins	Fiotator	15		Macon Georgia	egg cartons	Supracell	2
altiey, Birmingh	Tissue	Fiotato	155		Muscogee, Okla	tissue	Supracen	2
	tissue	Fiotator	155			:-ssue	Smay Fite	2000
	tissue	Supertion	983		Menasna, Wisc	shoe board	Some	1
arkfield, Kent		Superfloat	953		Covington, Tenn		Speny Filter	1000
	Malibaber pase	Secrificat	333 84		Oregon City, Oreg	newsprint, de inking	Supracell	1,00
arkfield, Kent		Sedilloat	36		Oregon City, Oreg	newsprint, de miking	and the second second	
arkfield, Kent	walipaper base	Superfical	953		Boulder Colo	laundiy waste	Supracell	
laingale, W. Loth	writing printing pap				St Louis Mo	laundly waste	Sumacen	
'amworth, Staffs.	straw and board mill	Airtical	28		Wells River, Vt	tissue, kratt paper	Subtaceli	11
	final clarification		E 64		St Paul Minn	bnar0	Sumaceh	2
vybriage, Devon	printing papers	Superiloat	5\$1 581		S Lee, Mass	laminated papers	Supracen	1
vybriage, Davan	printing papers	Superfical	551		Portland, Oreg	newsprint, de inking	Supracell	?
urgan, N Ireland	molded dishes	Flotator	15		Portland, Oreg	newsprint de inking	Suray Litter	200
iraveseno, Kent	fine papers	Flotator	8		Portland, Oreg	newsprint, de inking	Spray Finler	200
iravesend, Kent	line papers	Florator	8		Hutchinson, Kam	Doard	Supraceri	?
sravesend Kent	line papers	Flotator	8		Hurchinson, Kans	Doard	Suprecen	1
ucksburn Aberd	final effluent -	Airfloat	36		Menasha, Wisc	de ipking fledåkil	Surra en	4
iucksburn, Aberd,	final effluent	Airfloat	36		Menasha, Wisc	de inking (ledger)	Spray Filler	450
Greenfield, York	cigarette papers	Superfloat	952		Jersey City, N.J.	bostd \	Supracell	1
ireentield, York	cigarette papers	Superfloat	982		Aurora, III	noard	Supracell	1
iloneclough	tissue	Superfloat	9\$2		La Verne, Cal	wadding	Studge Press	יל ס.
Manchester					Daiton, Mass	de inking pilot plant	Supracell	
Carditt	writing, printing pap	Fiotalor	12		Franklin Ohio	paperboard	Supraceil	1
ilamorgansh					Washington D.C	laundtv	Subtacel	. 1
ellast	chicken processing	Sedificat	22		Snoell La	Dilot Diant	Supracei	
u magh	Chicken Drocessing	Secificat	23		Alaska	láundry	Subracen	
Dungannon	chics an processing	Seditioat	36			de luring brigt bright	Supráceir	
Doowni.	insulating papers	Disc Filter	25D		Syracuse, N.Y Harrisburg, Pa	coated papers	Supracell	1
leipsion	linal effluent	Sedificat	24			coated papers	Supracell	1
	milar ermoem	525,02.	. · · · · · · · · · · · · · · · · · · ·		Harrisburg, Pa		Supracell	1
elerborough	white and	Sedilloat	8		Houston, Texas	laundry	Supracell	1
ioton, Statts.	abatton	Sedificat	18		San Francisco, Cal	laundry	Supraceir	1
samspottom, Nr B	wrapping papers		44		Detroit, Mich	laundry	Supraceil	
varcher, Somerset	wrapping papers	Sedificat	24		Bellows Falls, VI	groundwood:	Jup acc.	
Vnartside, Otley	mixed elliuent					specialties	Supracel	2
volvercate. Oxtord		Superfloat	952		Muskogee, Okta	towering	Supracell	,
asslield, Liphook	libre tupes	Flotator	8		So. Lee, Mass	larninated and	JODIALEII	
reenliither Kent	wallpaper base	Secritori	44 55			specialty grades	C	
arkfield, Kent	wallpaper base	Sedificat	55	1	Denver, Colorado	paperboard	Supraced	
laimšiėv	deinking	Supracell	12	1	Houston, Texas	iron works	Supracell	٠.,
amsportom	deinking	Supracell	30		Green Bay, Wis	stickies removal	Surracell	
almsley, Bollon	deinking pilot plant	Supracell	4	1	Philadelphia, Pa	de inking pilot plant	Supracen	
vaimsley, Bc. om	deinking, pilot plant	Spray Filete	200			a newsprint de inking	Supracett	4.55
lay field. Chestine	water from left pit	Supracell	6		Snowtlake, Alizon	newsprint de inking	Supracen	
llesmere Port	deinking	Supracell	62		Oisego, Mich	Stickies removal	Supraces	
berdeen Scott	final effluent	ADT	2000		Freeport, Texas	biological sludge	Supracell	
		" Air dissolv.			Philadelphia, Pa	de inking pilot plant	Supracell	
oneclougn	cigarette papers	Supracell	12	1	Lenox Mass	de inking pilot plant	Supraced	
arne	tissue paper	Supracell -	33		Monroe N C	chicken Air 0.55	ols no Luie AD	7 200
ealsand.	chemicals	Supracult	. 6	1	and the second	processing		
perdeen	tine papers	Supracell	15	1		p. 044.59		
	· ····································			1				
				7				
HUFIAJ						Exhibi		. خواج
						Town C	ouncil	Mir
							14, 198	100
								ی
				1		Page 1	1 of 14	
USA								

Float Skimmer New Johnsonville, linerboard reverse Tenn cleaning rejects 33 33 20 ledger deinking ledger deinking ledger deinking Supracell Winslow, Maine Winslow, Maine Winslow, Maine Menasha, Wisc Supracell Supracell deinking plant Supracell 20 Sedimentation Camp Hill, Pa coating waste 20 Cone Air dissolving tube type 3000 S Glens Falls, N.Y deinking plant Float Skimmer ledger reverse cleaning rejects Winslow, Maine linerboard reverse cleaning rejects biological sludge ledger reverse Fernandina Beach Float Skimmer Supracell 55 Lutkin, Texas Float Skimmer Ogdensburg, N.Y cleaning rejects linerboard reverse Float Skimmer Orange, Texas cleaning rejects chicken processing Supracell 33 Center, Texas linerboard reverse cleaning rejects Float Skimmer Sylva, N.C 33 10 Seguin, Texas Beloit, Wisc chicken processing Supracell Supracell Spray Filter paper board Laverne, Cal North Bend, Oreg 4500 deinking linerboard reverse Float Skimmer cleaning rejects Air dissolving tube ADT 2000 Monroe, N C chicken

	processing		
San Leandro, Calif	reverse cleaner rejects	Float	FSK 15
		Skimmer	
Greenwich, NY	deinking	Supracell	33
Harrington Park, NJ	water Air disso	lving tube AD	T 3000
	treatment		
Green Bay, Wisc	tissue	Supracell	27
Augusta, Maine	deinking.	Supracell	15
Monominee, Mich	reverse cleaner rejects	Float	FSK 22
		Skimmer	
Menasha, Wisc.	fine papers	Supracell	18
Madisonville, KY	filter papers	Supracell	12
Wabash, Indiana	reverse cleaner rejects	Float I	FSK 18
		Skimmer	
Fulton, NY	tresue	Spray Filter	1000
Memphis, Tenn	deinking was in the	Supracell	33
Memphis, Tenn	deinking	Supracell	33
Saltimore, Ohio	corrugated medium	Supracell	33
Miami, Fla	tissue	Supracell	15
Rockingham, N.C.	wadding	Supracell	12

Exhibit C Town Council k March 14, 1985 Page 12 of 14

SURVEYS

SURVE		uits - Final effluent clarification	Exhibit C
	•		Town Council M
BELGIOUE - BELGIUM			March 14, 1985
Dudegern PM - board and wrapping	Improvement of	ITALIA - ITALY	Page 13 of 14
	water circuit,	Sora, Frosinone 2 PM coated papers	Improvement of water
	closed circuit	Villanovetta 2 PM ~ tissue	Eircult
DANMARK			Improvement of water
Kidhanhaven 2 KM	closed circuit	Romagnano 1 PM - tissue	circuit Improvement of water -
	S. O. S. C. I. C. G. Y.		curcuit
		Arbatax di 2 PM - newsprint	stock recovery, pollution
DEUTSCHLAND - GERMANY		San Grovenni Z PM - newsprint incl.	red. effl. treatment
The state of the s	final effluent clarification	di Duino graundwood	reduction of fresh
Fulds 1 PM — corrupated medium . Ratingen 1 PM — printing papers	final effluent clarification		Water consumption
Dusseldorf 4 PM - fluting, wrapping	closed circuit		
Varel 4 PM - board	improvement of circuit		
	final eff. clarification	NEDERLAND	
Furschenbach 1 PM - wrapping	biol, treatment	Sappemer 4 PM - fluting, corruga	ted closed circuit
Trauchgau 1 PM - board	final effluent clarification	medium	stock recovery
Emmendingen 1 PM - writing, printing papers	improvement of water	Eerbeek 4 PM - fluting	closed circuit
Essen 1 PM — board	circuit	1 Pulp milf - pulp	
Freyung 1 PM — board		Cuyk 5 PM - tissue, wrapping	
Forchheim 4 PM - tissue, fluting	closed circuit		final effl.clar.
Julich 3 PM - wrapping, fine wrapping	closed circuit	N. Pekeia 19 PM - (5 mills)	Ification improvement of water
papers		O.Pekeis 2 PM - board	Circuit, Stock recovery
Miltenberg 3 PM - tissue	closed circuit		closed circuit
	closed circuit	Veendam 5 — board machines	
Solingen 2 PM — fine boards		- board machines	effluent treatment
& F.W TIME DOSEDS.	reduction of fresh water	N. Paketa Z board machines	closed water circuit

		consumption		straw production	
Alzenau	2 PM corrugated inedium	improvement of close	O. Pekela	2 KM - strawboard	trials to clarify the
		circuit	i di arakan ikali 77	그 회사를 보겠습니다면 하는	effluent for reuse 203
Smund	1 PM - fine papers	flocculation and elim-	Stadskanael	2 PM —	closed circuit
		ination of starch	On	carpet (textiles)	mechanical clarifica-
eidenfels	4 PM - fine papers	extension of existing			tion and effluent re-
		installation			cycling
ubeck	2 PM - board	closed circuit	Apeldoorn	3 PM	effluent reduction
orms	2 PM - board	final effluent clarification			
orms (DLW)	2 PM - board	stock recovery			
		closed circuit	NORGE - NO	DRWAY	
inspera	2 PM - Tissue	closed circuit			
ostherm	2 PM -	inplant clarification	Rena	2 KM — board	stock recovery
PUSTACT	4 PM -	inplant clarification			reduction of pol-
ghi .	2 PM	inplant clarification			lution
pichembach	2 PM -	closed circuit -	Honefoss	2 PM - molds	stock recovery
		inplant clarification			pollution control
bernheim		gelatin effluent	Vennesia	6 PM - integrated pulp	extension of existing
onzingen		pelatin effluent		and paper mill	installations
gerborn		abbaton effluent	Lillehammer	3 KM	inplant effluent
					treatment, final
FANCE					clarification
nimperté	6 PM - cigarette papers	biol treatment,	y Dramman	2 PM	improvement of
		sludge recovery			inplant clarifier for
urlandon	1 PM - wrapping papers	improvement of water			STOCK recovery
		circuit	Hokksund	1 PM — integrated pulp	finsi effluent
les	3 PM - printing papers	closed circuit		and Daper mill	clerification
sme	. 1 PM - wrapping papers	stock recovery	Honetall Follum		de-barking, inplant
		final clarification			clarification
AIC			SCHWEIZ - S	WITZERLAND	
ndeh Mill	3 PM - integrated pulp and	closed circuit			
	paper mil, chem.pulp		Grellingen	2 PM - tissue	closed circuit
~ Delhi	2 PM - integrated pulp and	closed circuit)
	paper mill	그림 시간 하다 하다 남편 나	FINLAND		
יים או מרי	3 PM - integrated bulp and	closed circuit			
. %	paper mill		Myllvaoski	6 PM - newsprint	inplant clarification
aravathi	3 PM - integrated pulp and	closed circuit	Kaipota	4 PM - newsprint	inplant clarification
	paper mill				
	. *				

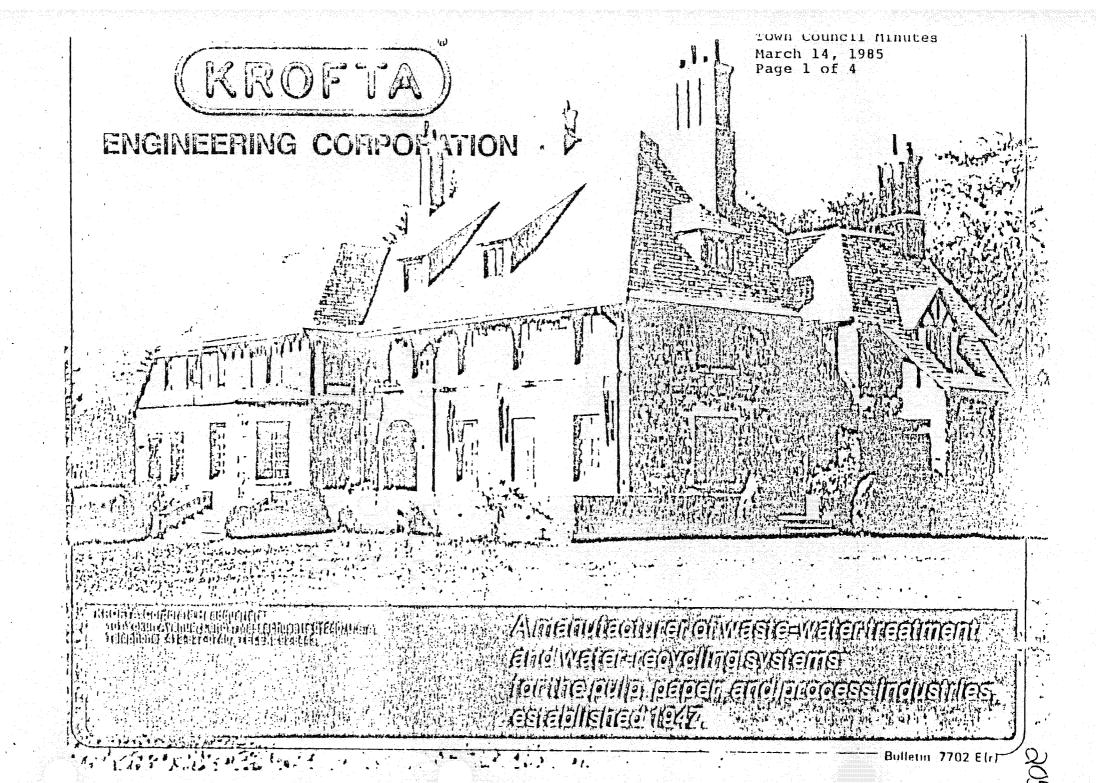
Exhibit C
Town Council Minutes KROFTA
March 14, 1985
Page 14 of 14



U.S.A.	
Krofta Engineering Corp. LENOX - Massachusetts 01240	Telex 926 443
101 Yokun Avenue	Tel. (413) 637 0740
U.K. Krofta Engineering Ltd. FLACKWELL HEATH, 3A White Pit Lane	Telex 849 813
Bucks, HP 109HR	Tel. (062) 852 6654
LLANARMON Y.I.	Telex 612 66
Mill Lane, CLWD	Tel. 08243 393
SWITZERLAND	
Krofta S.A.	Telex 731 59
CH - LUGANO, via Baroffio 6	Tel. (091) 23 85 86
ITALY	
Krofta Italia S.r.l.	Telex 313 108
20122 MILANO, via Fontana 11	Tel. (02) 545 7727
FRANCE	T 1 C14 740
Krofta Engineering S.ä.r.l. F. 75016 PARIS	Telex 614 740
21, avenue Perrichont	Tel. (01) 224 0847
SPAIN	
Krofta Iberica S.A. (ref. Krofta)	Telex 362 28
SAN SEBASTIAN 2 (Guipuzcoa)	
Paseo de Colón 9 principal D	(943) 277 332
GERMANY	
Krofta Apparatebau GmbH D 6370 OBERURSEL	Telex 410 749
Altkonigstrasse 61	Tel. (06171) 3041
AUSTRIA Krofta Apparate	Telex 313 74
8020 GRAZ, Alte Poststrasse 359	Tel. (316) 27 14 44
 NORWAY	
NORWAY Krofta c/o Falkenberg A/S	Telex 717 89
N · OSLO 4, Chr. Michelsensgt 65	Tel. (02) 37 31 30

FINLAND Krofta c/o Kemira OY SF 00101 HELSINKI 10 Histaniemenkatu 2 Telex 123 423 Tel. 440 281 Telex 113 08 34 Tel. (11) 258 1863 Krofta Instalações Industriais Ltda 01000 SAO PAULO, rua Bahia 283 JAPAN Krotia K.K. MEGURO KU, TOKYO Himonya 2:21:6 311 Telex 2466 458 Tel. (03) 716 61 61 Krofta Engineering PVT.Ltd. Telex 395 316 abc in Tel. (172) 32886 Sco 55, Madhya Marg, Sector 26 CHANDIGARH, Punjab TURKEY Krofta c/o Tek-Ser Ciragan Cad. 20 1-2 BESIKTAS ISTANBUL Telex 264 65 Tel. 61 84 50

ly Gar



SDF/Sedimentation-Flotation Clarifier

type SDF CLARIFIERS have been in successful operation since 1965. Hundreds of units are installed in the United States of America, throughout Europe, and in Japan.

Clarification is achieved by a combination of flotation with dissolved air and sedimentation. It is a self-cleaning unit for continuous operation. Sizes available range from 100 to 10,000 USGPM (0.5 to 50m³/min.).

Successful applications include:

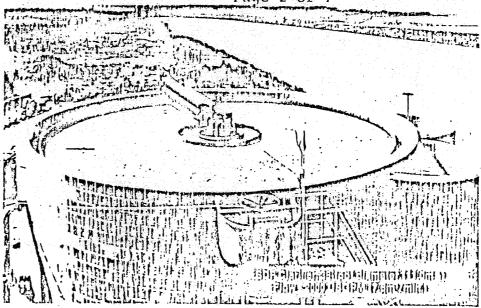
- final clarification of paper and board mill effluents,
- thickening of secondary biological sludges,
- · processing of waste in the food industry.

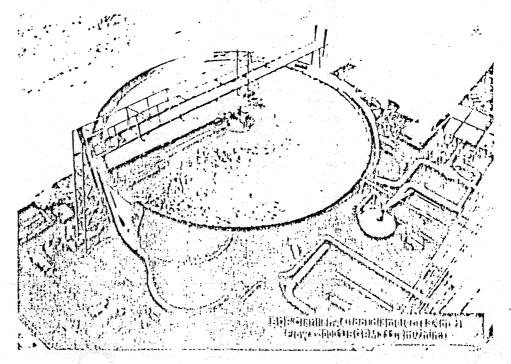
Advantages of the

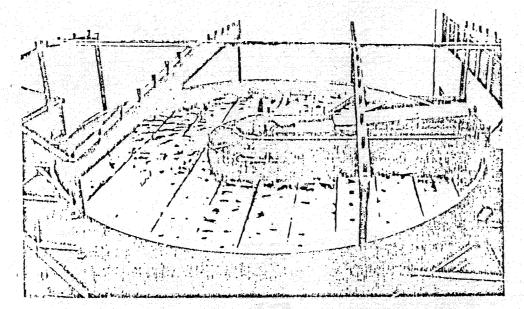
KROFTA SDF CLARIFIER:

- the patented "Spiral Scoop" provides for high sludge consistency.
- · It handles heavy contaminants.
- · very simple construction and operation.
- · highest effluent clarity.
- · low cost both for installation and operation.

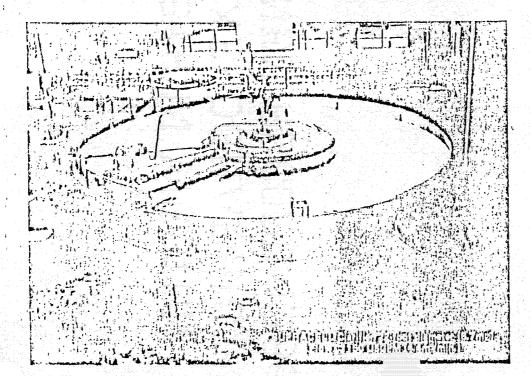
Exhibit D
Town Council Minutes
March 14, 1985
Page 2 of 4











SUPRACEL /Flotation Clarifier

March 14, 1985

KROFTA SUPRACELL CLARIFIER Is a break-through in the flotation field. Water depth is only 16 inches (40.6cm). This is by far the smallest clarifier using flotation sedimentation techniques. The high performance is possible through the use of a unique "zero-velocity" water distribution.

Since its introduction in 1973, many units have been installed and are in successful operation in pulp and paper mills for closed-water systems, and also in food processing plants.

Advantages of the

(KROFTA) SUPRACELL CLARIFIER:

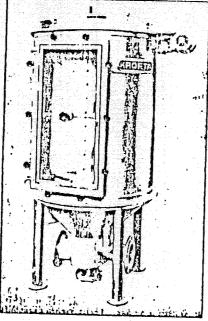
- very small in size and weight.
- lowest installed cost.
- high performance and utmost reliability.
- · completely prefabricated construction.

(KROFTA)

Spray Filler

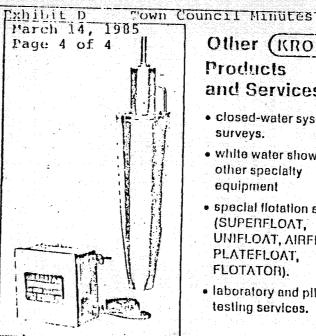
A simple, reliable selfcleaning fractionating filler.

- · highest flow rates.
- prescreening before flotation.
- · separation of clay and fiber.
- separation of ink and liber.
- filtering of water for reuse.



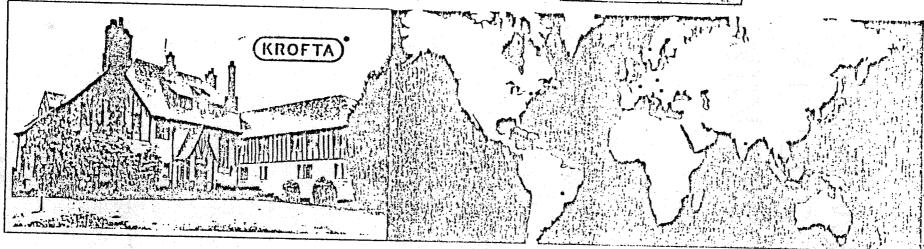
(KROFTA) Effluent Samplers

- · hundreds of successful installations.
- · only one moving part.
- all stainless steel construction.
- simple pneumatic operation.
- · for all flumes and welrs.
- proportional samples without a flowmeter.



Other (KROFTA) Products and Services:

- · closed-water system surveys.
- · White water showers and other specialty equipment
- special flotation systems (SUPERFLOAT, UNIFLOAT, AIRFLOAT. PLATEFLOAT, FLOTATOR).
- laboratory and pilot testing services.



KROFTA ENGINEERING CORPORATION

101 Yokun Avenue LENOX, Ma.01240

Tel. (413) 637-0740 Telex (10) 692-6443

FLACKWELL HEATH.

Emiterland CH 8900 LIGANO

20122 MILANO

France F 75008 PARIS

Germany D 6170 OBE RURSEL

Amiria 8020 GRAZ

SF ELDIUS HELSINKS 10

Brazil O JUAN CAULO

MEGUND KU TOKYO



VILLIAM W. DICKINSON, JR.

Exhibit E

Town Council Minutes

March 14, 1985

Page 1 of 7

OFFICE OF THE MAYOR Town of Wallingford Connecticut

March 11, 1985

Wallingford Town Council Wallingford, Connecticut

ATTENTION: Mr. David Gessert, Chairman

Dear Council Members:

When we gave you the report on the Wallingford Landfill at your meeting of 2/26/85, we promised to make recommendations for addressing the problems posed in the document. Enclosed are 2 resolutions which, we feel, incorporate changes that deal with each problem delineated. These recommendations are made as the result of lenghty meetings involving my office, Public Works, Engineering, the Grants office and the Town Attorney.

Wallingford is bringing its landfill up to environmentally acceptable standards to prevent erosion, reduce leachate and minimize threats to health caused by exposure of refuse. The cost however is high comparable to the cost of resource recovery. The risk of long term liability is also high and will increase if the State is successful in forcing the Town to accept special wastes. It is in the best interest of the Town to get out of the landfill business as quickly as possible and into a resource recovery project.

Since the cost of landfill greatly exceeds revenues, and the Town tip fee is so low as to encourage importation of waste, the Town should seriously consider raising its tip fee to \$16.00 per ton, a rate more in keeping with the cost of operation and with other tip fees charged in the region. According to census data, the average Wallingford family size is less than 3 people. The state estimates that each person generates about 7 tenths of a ton of refuse per year (the rest is generated by commercial and institutional enterprises). Using these figures, the additional cost to an average Wallingford family, based on a tip fee of \$16.00 per ton, would be about \$1.50 per month.

TOWN OF WALLINGFORD

Exhibit E Town Council Fint March 14, 1985 Page 2 of 7

Enclosed for your information is a copy of the expenditure and revenue projections included in the original report, but revised to show revenues if the tip fee were raised to \$16.00 per ton effective June 1, 1985. As you can see, revenues for the period between July 1, 1984 and June 20, 1988 increase to \$1,490,000 or only about 54.2 percent of the \$2,747,852 of identified expected costs. Moreover, it is likely that if we increase rates, refuse volume will drop, thereby lowering the revenues. At best, we can expect to recover about 50 percent of identifiable costs and about 42 to 45 percent of total costs through an increased tip fee. The

increase though, would allow us to bond less for the capital improvements at the landfill so that we could use our bonded indebtedness for other pressing projects. From an over planning perspective on town finances, this makes sense.

Landfill personnel now have inadequate time to properly prepare cells for the disposal of refuse. Reduction of the hours of operation at the landfill will allow personnel to prepare cells in advance, thereby minimizing total cover requirements. Closing at 3 P.M. each day and 2 P.M. on Saturday would not greatly inconvenien the public. The enclosed resolution suggests hours of operation and holiday closing that we feel would minimize disruption to the public and improve the efficiency at landfill operations.

Under current statutory requirements each municipal authority must make provision for the safe and sanitary disposal of all solid wastes which are generated within its boundaries excluding, however, wastes which are toxic or hazardous. The statute, as presently drafted, does not contain a definition of toxic or hazardous waste. The State DEP, at times, interprets the language to mean that if a waste contains toxic matter but is not hazardous under current guidelines, the waste is acceptable at solid waste landfills. The Town, however, has taken the position that if a waste contains toxic matter it is excludable under the statute. Although we run the risk of litigation, we recommend the Town continue its present policy and refuse to accept any waste which contains toxic matter and, of course, any waste which is hazardous. For wastes that require special handling, we should establish, on a case-by-case basis, a fee and procedure that is based on all costs of disposal determined by the Town whether this is for disposal at our landfill or elsewhere.

Tires are becoming a serious problem because, if they are not shredded, special handling is required to landfill them. It is therefore recommended and proposed in the resolution establishing fees, that the Town Council establish a fee of \$150.00 per ton for waste tires from cars, pick-ups, vans and trucks. This will allow us to hire a contractor to shred the tires.

WALLINGFORD

Exhibit E Town Council Minut March 14, 1985 Page 3 of 7

Finally, we have written into the enclosed resolution a definition of the vehicles we feel should be allowed to transport personal household refuse to our landfill. Only cars, pick-ups and vans are considered. This should eliminate some of the questions about whether the contents are, in fact, personal.

I hope these recommendations meet with your approval. We feel each is necessary to insure proper and efficient operation of our landfill in the future.

Sincerely,

William W. Dickinson, Jr.

Mayor

Exhibit E
Town Council Minutes
March 14, 1985
Page 4 of 7

This resolution was presented for information only and not acted upon on 3/14/85. It will be presented on a future agenda.

HOURS OF OPERATION

RESOLUTION

WHEREAS, on June 29, 1976, the Town Council enacted Ordinance #218 entitled, "AN ORDINANCE REGULATING STORAGE COLLECTION, TRANSPORTATION AND DISPOSAL OF GARBAGE, RUBBISH AND WASTE MATERIAL, AND USE AND OPERATION OF THE TOWN SOLID WASTE DISPOSAL AREA, AND REPEALING ORDINANCE FILE NUMBERS 17, 18, 68, 113 and 143";

AND WHEREAS, Section 6 of said Ordinance provides that the Director of Public Works shall designate the hours of operation of the Town Solid Faste Disposal Area, subject to approval by resolution of the Town Souncil;

AND WEEPLAS, said Director of Public Works has presented this Council with a proposed schedule of hours of operation and dates of closing;

HOW, THEREFORE, BE IT ENACTED BY THE TOWN COUNCIL IN SESSION:

The Town Solid Waste Disposal Area shall be open for disposal on the following hours: Monday thru Friday from 8:00 a.m. to 3:00 p.m. and Saturday 8:00 a.m. to 2:00 p.m.

It shall be closed on Sundays and the following holidays:

New Year's Day
Lincoln's Birthday
Washington's Birthday
Good Friday
Emorial Day

Independence Day

Labor Day
Columbus Day
Veteran's Day
Thenksgiving and day after

Caristmas

Exhibit E
Town Council Minute
ANTICIPATED EXPENDITURES AND REVENUES March 14, 1985
FOR SOLID WASTE DISPOSAL BY FISCAL YEAR Page 5 of 7
WITH TIP FEE AT \$16.00 PER TON AS OF JUNE 1, 1985

4 + 8 S	EXPENDITURES (DOLLARS)	REVENUES (DOLLARS)	NOTES	TE JOB
ndfill budget	206,947		. (1)	
thane ditch droz closure (cap)	150.000		(2)	(2)
p fees		209,000	(3)	
AL 1984-65	406.947	209,000		
S-86		· 전 · 사용 		
adfill budget	172,905		(1)	
ver exposed slopes	170.000			(1)
iroxide closure	175.000		(2)	(2)
111 wells	3,000			(3)
ll and cap wells	5,000 125,000			(4) (5)
Foull and seed	123,000			(3)
iran gas revenue		. 15.000	(5)	
P fees		460,000		
LS 1985-86	650,905	475,000		
i = 8 7				
idfill budget	183,000		(1,4)	
er exposed slopes		terioria. Antigoria	North Carlotte (1997) And Carlotte (1997)	(7)
soil and seed	125,000			(8)
ran gas revenue		25.000		
ı (ces		472,000	(6)	
.LS 1986-87	478,000	497,560		
-38				
-0.0			(7)	•
dfill budget	122,000		(8)	•
er exposed slopes	170,000			(9)
soil and seed	125,000			(10)
i refuse disposal	25,000		(9)	
		25,000		
ran gas revenue				
fees		284.000		

TE JOB * refers to task * of Town Engineer's Landfill Closure Plan.

ITICIPATED REVENUES AND EXPENDITURES FOR MSW NOTES CONTINUED

Because the resource recovery plant is expected to be on line by the end of 1987, normal landfill budget costs and revenues during 87-88 represent only those for six months.

Landfill costs are estimated at \$97.000 for the first 6 months of year and \$25,000 for maintenance during the second 6 months.

is the anticipated cost of delivering solid waste from Public Works and other municipal agencies to the resource recovery facility for the last half of 87-88.

The Town agencies are now generating more than 2200 tons of solid waste each year. The 88-89 payment was based on an estimate of 2500 tons at \$22.50 per ton. Later year calculations assume a tip fee escalation rate of 4.5%.

The Town is expected to maintain a skeleton force at the landfill to handle construction waste and other fill as well as maintain the closed landfill.

The town should have 435,000 cubic yards of capacity left at the landfill if the resource recovery plant comes on line when expected. It was assumed that the town would lease the landfill to CRRA for disposal of ash, bulky wastes, or bypass.

ICIPATED REVENUES AND EX	D EXPENDITURES (DOLLARS)	REVENUES (DOLLARS)	NOTES	Exhibit E Town Council M March 14, 1985 Page 6 of 7
ii refuse disposal ver exposed slopes l and seed	56.000 470.000 350.000 10.000		(10)	TE JOB # (13)
onitoring adull Maintenance	60,000	•	(11)	
aran gas revenue addill lease - CRRA		25.000 10.000	(12)	
115 1988-89	946,000	35,000		
7-1770 ni refuse disposal hi monitoring ndfill Maintenance	59,000 10,000 60,000			
hran gas revenue ndfill lease - CRRA	·	25.000		
 315 1989-90	129.000	35,000		
			•	

FALS 1990 and after -- FY89-90 should be representative.

* * NOTES * *

Does not represent true landfill budget because additional Public irks personnel are used to generate material for daily cover. id several trucks are used to carry material to landfill.

The \$50,000 budgeted during 84-85 will be used in 55-86 to do the hydroxide closure project. Balance-\$175000-to be budgeted 85-86.

Tip fees are based on an anticipated 35% increase in refuse after October, 1984, and a tip fee of \$16 per ton as of 6/1/85.

For projection purposes. -landfill budget is escalated at 6%.

Wehran may possibly begin its sale of gas during 85-86. no one knows how much revenue will be produced, annual Town revenues were estimated at \$25,000 per year. The 85-86 figure is for a partial year.

Based on prior year data, refuse generation is escalated at three percent per year, thereby increasing revenues.